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July 31, 2009

Mr. Doug Mandeville  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
#2 White Flint, T7E18  
Rockville MD 20852-2738

RE: Source Material License SUA-1548, Docket No. 40-8964, Annual Surety Update  
(Re: Cameco Resources Memo Dated June 26, 2009)

Dear Mr. Mandeville:

Power Resources, Inc. dba Cameco Resources (CR) is herein providing the annual surety estimate for the Smith Ranch - Highland Uranium Project as referenced in our June 26, 2009 letter.

As discussed in our letter, CR submitted surety estimates to the Wyoming Department of Environmental Quality (WDEQ) Land Quality Division on February 26, 2009 for Mining Permit No. 603 (Highland Uranium Project) and Mining Permit No. 633 (Smith Ranch). The WDEQ responded to the February 26, 2009 submission and copied the NRC on June 19, 2009 with a request for additional information. CR's responses to WDEQ and revised surety estimates are attached for your simultaneous review with WDEQ.

If you have questions please contact me at (307) 358-6541 ext. 462.

Regards,

A handwritten signature in black ink, appearing to read "K. Wenzel".

Krista Wenzel  
Manager, Environment, Health and Safety

Attachments: Response to WDEQ/LQD 633/603 Comments, Response to WDEQ/LQD 633 Comments, Permit to Mine No. 603 Surety Estimate, Permit to Mine No. 633 Surety Estimate

|     |                         |                     |                       |            |
|-----|-------------------------|---------------------|-----------------------|------------|
| cc: | S. Collings             | T. Cannon           | S. Bakken             | K. Wenzel  |
|     | D. Kolkman              | J. McCarthy         | A. Faunce             | M. Whatley |
|     | File SR4.6.4.1          | File 4.2.1 w/o atch | L. Spackman, WDEQ/LQD |            |
|     | File SR4.3.3.1 w/o atch |                     |                       |            |

Responses to Land Quality Division Comments  
TFN 5 5/87 and TFN 5 5/101, Surety Estimate Update  
Cameco Resources Permit 603, Highland Uranium Project  
And Partial Response to Permit 633, Smith Ranch

Cameco Resources (CR) has reviewed comments received from the Land Quality Division (LQD) on its bond estimates for Permit 603 under TFN 5 5/87 and for Permit 633 under TFN 5 5/101. The TFN 5 5/101 letter requested that CR consider comments on Permit 603 that also apply to Permit 633. Thus, the comments below apply to both permits and are being submitted under both TFNs. Additional comments received under TFN 5 5/101 for Permit 633 are provided only under that TFN. The following lists comments received from the LQD followed by CR responses.

1. Page 1. The totals on this page will need to be adjusted subsequent to the changes resulting from the comments below. (PCR)

CR Response: Totals were adjusted subsequent to changes from comments below.

2. Page 1. The contingency noted on the total bond estimate is shown as 15%. LQD is currently requiring a 25% contingency on non-coal projects with bond estimates in excess of \$500,000.00, i.e., see Guideline 12, Rev. 9/20/08, page 11, No. 12 Miscellaneous Items. Cameco Resources used 25 % contingency for the last annual report bond estimate. Please revise the contingency to show 25%. (PCR)

CR Response: CR expanded costs and used highest, worst case costs on many more of the costs in comparison to previous surety estimates, as evidenced by the increase in the overall bond amount from the 2007 bond. Most costs in the spreadsheet include profit and overhead; CR added notes next to these costs to show this. For example, labor includes 30% overhead, profit and overhead were added to Guideline 12 equipment costs, transport and disposal costs include profit and overhead, lab costs include profit and overhead, utilities and capital and parts/maintenance item purchases include profit and overhead, etc. Guideline 12 shows examples of various contingencies which represents lower percentage contingencies for higher bonds due to economy of scale. Using a 15% contingency is justified based upon that scale.

3. Page 2, *MIT Costs*. Wellfields A and B should continue to have MITs completed until decommissioning. Please add the cost for MITs for these wellfields. (PCR)

CR Response: MITs were added for wellfields A and B.

4. Building utility costs for the restoration period were not found in the bond estimate. These costs should be calculated for the entire restoration period for all facilities required to conduct the restoration and final reclamation of the wellfields. (PCR)

CR Response: Building utility costs were added. A master cost was added for electrical for the highest month of the year per cubic foot and included for each building under the BLDGS tab. Propane and natural gas costs were also added based on 2008 actual costs.

5. Irrigation maintenance and monitoring costs for Irrigator No. 1 and Irrigator No. 2 were not found in the bond estimate. These costs should be calculated for the entire restoration period. (PCR)

CR Response: Irrigator maintenance and monitoring costs for Irrigator No. 1 and Irrigator No. 2 were added to the MISC REC worksheet. Maintenance costs for Irrigator No. 1 are zero because it is out of service and future use is not projected to be necessary.

6. Page 3, *Supervisory Labor Costs*. Costs are not found for the additional labor required for groundwater restoration as included in previous annual reports under *Labor Costs*. Please provide the additional labor costs. In addition, according to the *Moxley Report* of November 21, 2007, staffing requirements for the restoration period have been under bonded. CR will need to provide adequate bond to cover reasonable staffing requirements for the groundwater restoration and surface reclamation period. (PCR)

CR Response: Costs for an Environmental Manager and Restoration Manager were added. Unit Cost rates include labor.

7. Vehicle Operation Costs are not found in the bond estimate. Please add these costs to complete the restoration and reclamation of the wellfields for the number of years required. (PCR)

CR Response: Vehicle operation costs have been added to the WF REC sheets for both Highland Uranium Project and Smith Ranch.

8. Page 3, *TOTAL RESTORATION COST PER WELLFIELD*. The totals shown for the wellfields in this line item are the same cost as shown for the wellfield costs in the line *Subtotal Monitoring and Sampling Costs per Mine Unit*. Please revise the cost per wellfield or remove the line. (PCR)

CR Response: The totals for the wellfields are not the same cost as shown for the monitoring and sampling costs. It is only the same for those fields that are restored and only have monitoring costs. With the addition of the MIT costs for wellfields A and B, it no longer appears that the rows are the same.

9. Page 3, *Capital Costs (for all Reclamation)*. In addition to the items listed on the table *Capital Program Costs* (page 27 of the bond estimate) and as noted in the *Moxley Report* dated November 21, 2007, CR should provide cost estimates for infrastructure and equipment maintenance, replacement and repairs that will be needed during the restoration and reclamation period such as membranes, pumps, piping, flanges, etc. As stated by Mr. Moxley, "...general wellfield renovations should be anticipated and included in the bond calculation." (PCR)

CR Response: Miscellaneous reclamation costs have been updated to include actual costs for infrastructure and equipment maintenance, replacement and repairs. This is in addition to membrane replacement costs which are shown for reverse osmosis in the UC RO BIO worksheets.

10. Page 4, *Well Abandonment (Wellfields), # of Monitoring Wells*. Please add the total number of monitoring wells in the *Totals* column. (PCR)

CR Response: A total for the number of monitor wells was included in the *Totals* column. This is an extra column for accounting purposes that is not used in the final calculations.

11. Page 4, *III, Removal of Contaminated Soil Around Wells*. Please add the total cost to remove contaminated soils to the *Totals* column. (PCR)

CR Response: The total cost was included in the *Totals* column. This is an extra column for accounting purposes that is not used in final calculations.

12. Page 4, *Section V, Waste Disposal Well Abandonment*. The last line *Total Waste Disposal Well Abandonment Costs* does not include the cost for the new DDW (\$51,024.97). Please add the cost to the total. (PCR)

CR Response: The spreadsheet equation was updated to include the cost for the new DDW on the Highland Uranium Project spreadsheet.

13. The approved restoration schedule includes deep disposal well Vollman 33-27. Please add the cost for the piping need to bring the Vollman well on line with the existing infrastructure. (PCR)

CR Response: These costs are included in the capital costs on the Mastercosts worksheet for the Highland Uranium Project spreadsheet. A note has been added to reflect this.

14. The approved permit Plate No. OP-1 shows a waste disposal well Vollman No. 1 located in Section 22, T36N, R73W. Please explain the status of this well and if it needs to be removed. If so, provide the costs to remove it. (PCR)

CR Response: Vollman No. 1 was an oil well that was abandoned by the oil company to include pulling the surface casing. No removal costs are needed.

15. Page 5, *Wellfield Piping*. The approximate length of piping per header house and the total length of piping has been substantially reduced from 15000 ft in the 2006-2007 Annual Report to 2000 ft in the 2007-2008 Annual Report. Please explain this reduction in length of piping. (PCR)

CR Response: The length of piping per header house is accurately estimated as follows: Multiply an average of 46 wells per header house by an average of 300 ft. of piping per well. The Highland Uranium Project and Smith Ranch sureties have been updated.

16. Page 5, *Wellfield Buildings and Equipment Removal and Disposal. Wellfield Piping, Well Pumps and Tubing, Buried Trunkline, Well Houses, and Header House* costs for Mine Unit C should be included in the estimates through the restoration period. Although the column header states it is included with MU/C, they could not be located. (PCR)

CR Response: This comment references the columns for “Mine Unit C-19N” and “Mine Unit C Haul Drifts”. The piping, tubing, header houses, etc., are included in the sum of the “Mine Unit C” totals. They are included as columns in the WF REC tab with zero totals to be consistent with the headings in the GW REST tab where the columns are addressed separately from a restoration standpoint. The comment was expanded to further clarify.

17. Page 7, *Total Header House Removal and Disposal Costs shown as \$1,736,418* should be \$448,792. Please revise the number. (PCR)

CR Response: The number has been revised. This was a subtotal that was not used in the final calculation.

18. Page 8. The removal/loading and transportation/disposal costs for the RO could not be found in the bond estimate. Please add the cost. (PCR)

CR Response: Costs for the RO units were added to the Equipment (EQUIP) worksheet.

19. Page 8. The removal/loading and transportation/disposal costs for Satellite No. 3 has been removed from the table as shown on the bond estimate of the 2006-2007 Annual Report. Please include this cost estimate. (PCR)

CR Response: A column was added for Satellite No. 3 on the Highland Uranium Project spreadsheet.

20. Page 10. Please add the demolition and disposal costs for the Selenium Plant. (PCR)

CR Response: A column for the Selenium Plant was added to the Highland Uranium Project spreadsheet.

21. Page 10, *Disposal Costs*. CR is proposing to dispose of 100% of the buildings and 75% of concrete on-site. A permit from DEQ/Solid and Hazardous Waste Division (SHWD) may be required to allow this disposal. Please contact DEQ/SHWD for information on this potential requirement. If a SHWD permit is required, CR will need to include the cost for disposing off-site until that permit is issued. (PCR)

CR Response: CR contacted Mr. Anderson from DEQ/SHWD. He confirmed that a permit would be needed and it should not be a problem for a permit to be issued. He also stated there are no costs associated with obtaining the permit.

22. Page 10, *HCL Acid Wash, including labor (\$/ft<sup>2</sup>)*. The cost has been reduced from \$0.59 in the 2006-2007 Annual Report to \$0.25 in this revised bond estimate. Please justify the significant cost reduction. (PCR)

CR Response: On the Smith Ranch and Highland Uranium Project Unit Cost Decontamination (UC-DECON) worksheets the cost for the manlift rental was underestimated and the error was corrected. An incorrect square footage had been used to calculate the unit costs; this has been corrected.

23. Page 10, *Demolition Costs, Concrete Floor*. The *Area of Concrete Floor* is given in ft<sup>2</sup>, however, the cost for *Demolition* from Guideline 12, Appendix K is given in ft<sup>3</sup>. Please make the necessary adjustments for the units to match for an accurate estimate of the costs. (PCR)

CR Response: Guideline 12, Appendix K uses ft<sup>2</sup>.

24. Page 9. The transportation and disposal costs for the RO units have not been included. Please add the cost. (PCR)

CR Response: See response to item 18.

25. Pages 10 and 11. The reviewer assumes the *Central Plant, Dryer Bldg, Yellowcake Warehouse, South Warehouse, Suspended Walkway, Maintenance Bldg, Main Office and Office Trailers* are associated with the Highland Plant and Offices (opposed to the Central Process Plant). For clarification, please indicate this is the case, on these pages. (PCR)

CR Response: A note was added to the title clarifying that this is the case on the Highland Uranium Project spreadsheet.

26. Page 10, *Building Demolition and Disposal*. The deep well injection cost for decontamination in the Central Plant has been reduced from \$553,507 to \$177. Please justify this cost decrease. (PCR)

CR Response: In the 2007 Surety estimate, the value for the Central Plant was incorrectly calculated and failed to account for a factor of 1000 gallons to match the Kgal units. In that surety the values for the other buildings were correctly calculated. No change is necessary for the current surety.

27. Pages 12 and 13, *Building Demolition and Disposal*. The columns *Process/Fire Water Bldg, Potable Water Bldg., Potable Water Tank Slab, Exxon R&D RO Bldg., and Exxon R&D Process Bldg* have been removed for the section. Please explain the removal of these columns. (PCR)

CR Response: These were inadvertently omitted and have been added.

28. Page 10, *Building Demolition and Disposal*. The length of concrete footing for the building sites have been reduced as compared to the same lengths listed in the 2006-2007 Annual Report. Please justify the decrease in length of the footings. (PCR)

CR Response: The calculation for the length of the concrete footing has been corrected to use the square root of the area of the floor multiplied times four as in the past surety.

29. Page 12, *Total Decontamination Costs*. Please provide a total value in the row for this item. (PCR)

CR Response: Page 12 is a continuation of buildings from page 10. Total costs for all categories are on pg. 10. An electronic copy of both sureties is provided with this package to again assist with your review.

30. Groundwater Restoration Elution Costs. Please explain the removal of these costs from the bond estimate. (PCR)

CR Response: Costs of elution are associated with producing uranium for sale. No production is expected by a third party during restoration if the bond is employed.

31. Page 12, II, *Total Demolition Costs*. Please provide a value in the row for this item. (PCR)

CR Response: Please see response to item 29.

32. Page 13, *Total Disposal Costs*. Please provide a value in the row for this item. (PCR)

CR Response: Please see response to item 29.

33. Page 13, *TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS*. Please provide the totals for this line. (PCR)

CR Response: Please see response to item 29.

34. A section is not found addressing wellfield pattern area reclamation and satellite area reclamation. Please add the costs to disk and seed the acres in all wellfields and satellites. (PCR)

CR Response: Sections have been added for both the Highland Uranium Project and Smith Ranch. See worksheet WF-SAT-SURF.

35. Page 14, *Access Road Reclamation*. The section of road from the Highland Loop Road to Satellite 2 will need to be added to the bond estimate. (PCR)

CR Response: This comment refers to a rancher's road for which Cameco will not be

responsible at close of operations. However, there is a small section of road from Satellite 2 to this rancher's road that will need to be reduced in width for rancher use. These costs have been added.

36. Page 14, *Access Road Reclamation*. The section of paved road from State Hwy 93 to Highland Process Plant and Offices will need to be added to the bond estimate. It is believed that this section will require removal of asphalt that should be included in the cost. (PCR)

CR Response: This is a county road and should not be added.

37. Page 14. The reviewer estimates twice as much footage of road that will need to be reclaimed than shown in the bond estimate. CR should provide a map of all roads that need reclaimed to support their estimate. (PCR)

CR Response: Please see Plate OP1 as submitted with the July 24, 2009 annual report.

38. Page 16, The information found on the CD (electronic format) includes *Irrigation Area Reclamation, Drilling Fluid Storage Cell Reclamation of Exxon Reclaimed Lands, Potential Mitigation Plan for Irrigator No. 1A, Potential Mitigation Plan for Irrigator No. 2, Potential Plan for Shallow Well Casing Leak Investigation and Miscellaneous Fence Removal Costs*. These costs are not provided on the paper copy submitted with the proposed bond estimate and could not be printed for the file. Please provide the paper copy of these sections of the bond estimate. (PCR)

CR Response: These items can be found on pages 20 and 21. Please note that the Drilling Fluid Storage Cell reclamation is complete and has been removed from the estimate.

39. Additional costs which should be included in the bond estimate are removal of booster stations, culverts, surface water monitoring stations, air quality monitoring stations, oxygen pads, drilling mud storage, drill water facility and fiber optics lines. Please add the costs for these items. (PCR)

CR Response: Air quality monitoring stations and surface water monitoring stations have not disturbed any area and will not require reclamation. The costs for header houses include booster stations and a note was added to the spreadsheets. Access road reclamation includes culverts (See Miscellaneous Reclamation (MISC REC) worksheet); a note was added to the spreadsheets. There are only two oxygen pads that are not located at a Satellite area. Those located at the Satellite areas are already accounted for. The remaining two oxygen pads are located at MU-15 and the CPP. Costs for removal of these have been added to the Smith Ranch MISC REC worksheet. Staging areas for drill mud are captured in the WF-SAT-SURF worksheets. Costs for removal of buried trunklines on the WF REC worksheets capture costs of removing fiber optics lines. Costs to remove the drill water facility and make available to the rancher were added.

40. The updated bond estimate is provided for the existing disturbance. According to the Wyoming Environmental Quality Act § 35-11-411 (a)(iii) costs for proposed new disturbances for the next one (1) year period must also be included in the bond estimate. CR will need to ensure additional costs for the 2009-2010 report period are included in the upcoming annual report submittal. No response required. (PCR)

CR Response: New disturbances have been projected. CR appreciates the reminder.

41. The number of MIT's per wellfield does not reflect the number of wells that will need to be tested. The Master Costs table lists a total of 4061 injection and production wells. However, the number of wells listed in the GW Restoration table to have MIT's for the life of the mine is listed as 3012 wells. MIT's are required every five years for all injection and production wells, therefore some of the wells will require more than one MIT and all wells will require at least one MIT. Assuming 33% of the wells will require two MIT's a total of 5,401 MIT's will be necessary. The listed cost is \$293.33 per well for an increase of \$683,159.00. (SI)

CR Response: In accordance with WDEQ-LQD, Chapter 11, Mechanical Integrity Tests are performed every five years on injection wells. The number of wells to have MIT's was calculated using only injection wells during the restoration period. No changes are needed to this section.

42. CR does not list removal costs for disposal of contaminated clay from the radium settling ponds. Item IV under MISC REC total disturbance (in square feet) = 128,899. Assuming the clay is contaminated to a depth of 1 foot CR must dispose of 128,899 cubic feet at the licensed facility in Shirley Basin. Disposal at an NRC licensed site = \$12.52/cubic foot. Therefore, the increase for this item is \$1,613,815. (SI)

CR Response: The clay liner was removed in 2003. Samples taken after the liner was removed show that most of the contaminated material was removed. These samples indicate a maximum area of potential contamination for disposal of 23,800 square feet to a depth of six inches. This has been updated in the surety. In addition, CR corrected the areas of the ponds and the link for removal and loading costs.

43. No costs have been included for chemical reduction or bio-remediation in the bond estimate. The 2009 bond estimate uses \$1.69/Kgal for bioremediation for fields currently in restoration. No bioremediation cost is used for fields that are currently producing. Section 4.3 of the permit document discusses the use of bioreduction/chemical reductant addition as a restoration step. Section 4.3.3 discusses bio-remediation/chemical reductant as a step to be used if certain parameters remain elevated during restoration efforts. (SI)

CR Response: Bioremediation has been included for Mine Unit C where it is currently in use. Use of bioremediation for other mine units would reduce the bond since the addition of bioremediation is expected to reduce the amount of time and water needed to restore a wellfield. It is our intent to include bioremediation in the bond in the future when we can fully justify the reduction in the number of pore volumes.

44. The groundwater restoration portion of the bond estimate does not include the restoration costs for MU-C North or the Mine Unit C haulage drifts, however these costs are included in the Wellfield C surface reclamation costs. It is unclear if the groundwater restoration costs for these units are included in the Wellfield C costs. Please clarify that the groundwater restoration costs for MU-C North and the Mine Unit C haulage drifts is included in the Wellfield C total. (SI)

CR Response: See response to item 16. This has been clarified in the spreadsheets.

45. The deep disposal well MIT costs are listed for only one 5-year MIT. There are three deep disposal wells included in the bond estimate and assuming two MIT tests will be required it is recommended that the bond for this item be increased by \$17,723.00. (SI)

CR Response: Highland Uranium Project and Smith Ranch sureties have been amended to account for two MIT tests per deep disposal well.

46. The deep disposal well plugging and abandonment cost is listed as \$4.37/foot. The WQD recommends \$11.91/foot based on the Gene George recommendations for plugging and abandonment for the CR deep disposal wells. Therefore, the increase for this item is \$197,140.91. (SI)

CR Response: WA worksheets have been updated to use the recommended costs.

46. (CR Note: This should be item Number 47). The UC-WA table states that 0.059 sacks of cement are used per foot. The EPA (from the UIC inspectors training course) states that 0.12 sacks of cement per foot are needed. This change will increase the per foot cost from 0.96/foot to \$1.32/foot. Item 3 for the UC-WA table states that the labor cost requires two laborers for 0.5 hours to install chips, etc. Item 2 states that the rig time per location is 2.5 hours. The labor time should equal the rig time and be 2.5 hours. The labor cost is not included in the estimate. These changes result in a \$1.44/foot cost to plug and abandon wells. Also, the total footage in the WA table does not include wellfields, F, 27-H, I and J. The bond increase for this item is \$1,302,696.00. (SI)

CR Response: The quantity of cement has been updated. Labor time of 2.5 hours has been added to the estimate. The additional wellfields have been added.

**CR also noted and made the following changes and is numbering them sequentially for ease in reference.**

48. On the HUP Wellfield Reclamation (WF REC) worksheet in the Mine Unit C Haul Drift column, the value for the 1 inch carbon steel trunkline pipe length was removed since this does not occur on site.

49. On the SR and HUP Equipment (EQUIP) worksheets, labor for Removal and Loading Costs

for the Tankage was included twice in the equation for the totals. This error was corrected to only account for the cost once.

50. Sample analytical costs were corrected to reflect costs associated with a third party contract lab instead of “in-house” as previously provided.

51. Capital costs have been amended to include costs for the NRC license and inspections.

52. The costs for removing contaminated soil were removed from the UC-SAT SURF worksheets; these cost estimates had been added to the UC-WA and WA worksheets.

53. Transportation and disposal costs for pumps and tubing was corrected to represent costs per cubic foot rather than per cubic yard.

Responses to Land Quality Division Comments  
TFN 5 5/101, Surety Estimate Update  
Cameco Resources Permit 633, Smith Ranch

Cameco Resources (CR) has reviewed comments received from the Land Quality Division (LQD) on its bond estimates for Permits 603 and 633. The following lists each comment received from the LQD for Permit 633 followed by CR responses. This document is supplemented by the CR response to comments for Permit 603.

1. The number of MIT's per wellfield does not reflect the number of wells that will need to be tested. The Master Costs table lists a total of 3902 injection and production wells. However, the number of wells listed in the GW Restoration table to have MIT's for the life of the mine is listed as 2485 wells. MIT's are required every five years for all injection and production wells, therefore some of the wells will require more than one MIT and all wells will require at least one MIT. Assuming 33% of the wells will require two MIT's a total of 5,073 MIT's will be necessary. The listed cost is \$293.33 per well for an increase of \$759,118.00.

CR Response: In accordance with WDEQ-LQD, Chapter 11, Mechanical Integrity Tests are performed every five years on injection wells. The number of wells to have MIT's was calculated using only injection wells during the restoration period. No changes are needed to this section.

2. CR does not include costs for removal of contaminated sand material from beneath the clay liner from the settling basin/storage pond. Assuming the volume of the contaminated sand is equal to the volume of the clay liner the amount of material to be removed is 741 cubic feet. The listed cost per cubic foot is \$141 for a total cost of \$104,481.

CR Response: Costs for removal of contaminated sand material were included.

3. No costs have been included for chemical reduction or bio-remediation in the bond estimate. The 2009 bond estimate uses \$1.69/Kgal for bioremediation for fields currently in restoration. No bioremediation cost is used for fields that are currently producing.

CR Response: Use of bioremediation would reduce the bond since the addition of bioremediation is expected to reduce the amount of time and water needed to restore a wellfield. Bioremediation is currently being done and it is our intent to include bioremediation in the bond in the future when we can fully justify the reduction in the number of pore volumes.

4. The deep disposal well MIT costs are listed for only one 5-year MIT. There are four deep disposal wells included in the bond estimate and assuming two MIT tests will be required, it is recommended that the bond for this item be increased by \$23,630.

CR Response: The surety has been amended to account for two MIT tests per deep disposal well.

5. The deep disposal well plugging and abandonment costs are listed as \$4.37/foot. The WQD recommends \$11.91/foot based on the Gene George recommendations for plugging and abandonment of the CR deep disposal wells. Therefore, the bond increase for this item is \$218,660.

CR Response: The WA worksheet has been updated to use the recommended costs.

6. The UC-WA table states that 0.059 sacks of cement are used per foot for well abandonment. The EPA (from the UIC inspectors training course) states that 0.12 sacks of cement per foot are needed. This change will increase the per foot cost from 0.96/foot to \$1.32/foot. Item 3 for the UC-WA table states that the labor cost requires two laborers for 0.5 hours to install chips, etc. and item 2 states that the rig time per location is 2.5 hours. The labor time should equal the rig time and be 2.5 hours. The labor cost is not included in the estimate. These changes result in a \$1.44/foot cost to plug and abandon wells. The bond increase for this item is \$1,549,224.00.

CR Response: The quantity of cement has been updated. Labor time of 2.5 hours has been added to the estimate. The additional wellfields have been added.

## **Highland Uranium Project 2009 Surety Estimate Revision**

The 2009 Highland Uranium Project Surety Estimate was revised to follow the WDEQ-LQD standardized bond format and, where applicable, the cost estimates provided in WDEQ-LQD Guideline No. 12. At the request of the NRC, PRI has revised the Surety Estimate calculations to include a number of different line item changes. First, a recurring spreadsheet has been added to identify costs that are used throughout the Surety Estimate. In this spreadsheet a column was included to identify sources for individual line item costs. As one would expect a large number of the costs sources are based on operating experience and costs. For a large number of the cost items operating experience or costs is not only the best justifications of a given costs but often the only source of information to generate an input values for the surety estimate.

The first spreadsheet is a summary of costs from the next seven major spreadsheets. Additional topic specific spreadsheets were also added in the estimate to identify line item justification of the values used in the Surety Estimate. Costs input into those major spreadsheets are generally broken down into unit costs in the next spreadsheets, titled "UC-topic". The final sheet titled "Master Cost Basis" has the majority of the input costs that are used throughout the spreadsheets. Input costs are also shown in blue to show they were not taken from elsewhere.

Cameco Resources  
Smith Ranch - Highland Uranium Project  
Surety Estimate

Highland Uranium Project Reclamation Cost Estimate, 26 Feb 2009 (Revised 30 Jul 2009)

|      |                                                                             |       |              |
|------|-----------------------------------------------------------------------------|-------|--------------|
| I.   | Groundwater Restoration (GW REST Sheet)                                     |       | \$29,448,588 |
| II.  | Well Abandonment and Wellfield Reclamation (WA, WF REC, WF-SAT-SURF Sheets) |       | \$9,635,380  |
| III. | Equipment and Building Costs (EQUIP, BLDGS Sheets)                          |       | \$2,590,568  |
| IV.  | Miscellaneous Site Reclamation (MISC REC Sheet)                             |       | \$1,338,906  |
|      | Subtotal Reclamation Cost                                                   |       | \$43,013,442 |
|      | Contingency                                                                 | 15%   | \$6,452,016  |
|      |                                                                             | TOTAL | \$49,465,458 |

Camero Resources  
Smith Ranch - Highland Uranium Project  
Surety Estimate

| Ground Water Restoration                                      |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
|---------------------------------------------------------------|-----------------------|-------------|--------------|----------------|--------------------------|--------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                               | Mine Unit-A           | Mine Unit-B | Mine Unit-C  | Mine Unit-C19N | Mine Unit-C Basal Drifts | Mine Unit-D  | Mine Unit-D Ext | Mine Unit-E    | Mine Unit-F    | Mine Unit-H    | Mine Unit-I    | Mine Unit-J    |                |
| <b>I. Ground Water Sweep Costs</b>                            |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| Estimated PVs                                                 | 0                     | 0           | 0            | 0              | 0                        | 1            | 1               | 1              | 1              | 1              | 1              | 1              |                |
| Total Kgals for GWS                                           | 0                     | 0           | 0            | 0              | 0                        | 28046        | 17296           | 81658          | 221800         | 94815          | 115820         | 86995          | (46430)        |
| Hood to Deep Disposal Well (%)                                | 100                   | 100         | 100          | 100            | 100                      | 100          | 100             | 100            | 100            | 100            | 100            | 100            |                |
| Groundwater Sweep Unit Cost (\$/Kgal)                         | \$3.41                | \$3.41      | \$3.41       | \$3.41         | \$3.41                   | \$3.41       | \$3.41          | \$3.41         | \$3.41         | \$3.41         | \$3.41         | \$3.41         |                |
| Subtotal Ground Water Sweep Costs per Wellfield               | \$0.00                | \$0.00      | \$0.00       | \$0.00         | \$0.00                   | \$95,506.11  | \$58,896.72     | \$278,073.88   | \$755,363.95   | \$322,877.11   | \$394,486.24   | \$296,247.37   | \$2,201,312.56 |
| <b>Total Ground Water Sweep Costs</b>                         | <b>\$2,201,312.56</b> |             |              |                |                          |              |                 |                |                |                |                |                |                |
| <b>II. Reverse Osmosis Costs</b>                              |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| Estimated PVs                                                 | 0                     | 0           | 2            | 0              | 8                        | 8            | 8               | 8              | 8              | 8              | 8              | 8              |                |
| Total Kgals for RO                                            | 0                     | 0           | 137922       | 0              | 0                        | 224368       | 138368          | 653264         | 1774400        | 758520         | 920560         | 695960         | 509302         |
| Hood to Deep Disposal Well (%)                                | 25                    | 25          | 25           | 25             | 25                       | 25           | 25              | 25             | 25             | 25             | 25             | 25             |                |
| Reverse Osmosis Unit Cost (\$/Kgal)                           | \$1.56                | \$1.56      | \$1.56       | \$1.56         | \$1.56                   | \$1.56       | \$1.56          | \$1.56         | \$1.56         | \$1.56         | \$1.56         | \$1.56         |                |
| Subtotal Reverse Osmosis Costs per Wellfield                  | \$0.00                | \$0.00      | \$214,710.07 | \$0.00         | \$0.00                   | \$349,284.88 | \$215,404.38    | \$1,016,968.73 | \$2,762,297.20 | \$1,180,826.01 | \$1,442,422.28 | \$1,083,435.73 | \$8,265,349.28 |
| <b>Total Reverse Osmosis Costs</b>                            | <b>\$8,265,349.28</b> |             |              |                |                          |              |                 |                |                |                |                |                |                |
| <b>III. Bioremediation Costs</b>                              |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| Estimated PVs                                                 | 0                     | 0           | 2            | 2              | 0                        | 0            | 0               | 0              | 0              | 0              | 0              | 0              |                |
| Total Kgals for Bioremediation                                | 0                     | 0           | 137922       | 39182          | 0                        | 0            | 0               | 0              | 0              | 0              | 0              | 0              | 177304         |
| Hood to Deep Disposal Well (%)                                | 25                    | 25          | 25           | 25             | 25                       | 25           | 25              | 25             | 25             | 25             | 25             | 25             |                |
| Chemical Reductant Unit Cost (\$/Kgal)                        | \$1.69                | \$1.69      | \$1.69       | \$1.69         | \$1.69                   | \$1.69       | \$1.69          | \$1.69         | \$1.69         | \$1.69         | \$1.69         | \$1.69         |                |
| Subtotal Bioremediation Costs per Wellfield                   | \$0.00                | \$0.00      | \$466,526.68 | \$133,211.19   | \$0.00                   | \$0.00       | \$0.00          | \$0.00         | \$0.00         | \$0.00         | \$0.00         | \$0.00         | \$599,737.87   |
| <b>Total Bioremediation Costs</b>                             | <b>\$599,737.87</b>   |             |              |                |                          |              |                 |                |                |                |                |                |                |
| <b>IV. MIT Costs</b>                                          |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| MIT Costs per Well                                            | \$293.33              | \$293.33    | \$293.33     | \$293.33       | \$293.33                 | \$293.33     | \$293.33        | \$293.33       | \$293.33       | \$293.33       | \$293.33       | \$293.33       |                |
| Restoration period, Excluding Haverd Except In MJC (months)   |                       |             | 7.87         | 0.00           | 0.00                     | 17.08        | 10.53           | 49.72          | 135.04         | 57.72          | 70.52          | 52.96          |                |
| Number of Wells MIT'd for Life of Mine Unit                   | 2                     | 224         | 45           | 0              | 0                        | 21           | 12              | 176            | 1,965          | 304            | 277            | 212            |                |
| Subtotal MIT Mine Unit                                        | \$586.67              | \$65,706.67 | \$13,200.00  | \$0.00         | \$0.00                   | \$6,180.53   | \$3,449.66      | \$51,532.88    | \$576,353.07   | \$89,173.33    | \$81,364.80    | \$62,139.73    | \$949,687.20   |
| 2-year MIT Costs for Disposal Wells                           | \$5,907.53            |             |              |                |                          |              |                 |                |                |                |                |                |                |
| Number of DDWs                                                | 3                     |             |              |                |                          |              |                 |                |                |                |                |                |                |
| Number of MITs per DDW                                        | 2                     |             |              |                |                          |              |                 |                |                |                |                |                |                |
| <b>Total MIT Costs</b>                                        | <b>\$985,132.38</b>   |             |              |                |                          |              |                 |                |                |                |                |                |                |
| <b>V. Monitoring and Sampling Costs</b>                       |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| Guideline 8 analysis *                                        | \$133.00 analysis     |             |              |                |                          |              |                 |                |                |                |                |                |                |
| 6-parameter contract laboratory analysis *                    | \$30.00 analysis      |             |              |                |                          |              |                 |                |                |                |                |                |                |
| Total monitor wells                                           | 2                     | 97          | 97           | 0              | 0                        | 38           | 20              | 86             | 149            | 81             | 39             | 57             | 340            |
| Groundwater sweep duration (months)                           | 0.00                  | 0.00        | 0.00         | 0.00           | 0.00                     | 4.27         | 2.63            | 12.43          | 33.76          | 14.43          | 17.63          | 13.24          | 98.39          |
| Reverse Osmosis duration (months)                             | 0.00                  | 0.00        | 7.87         | 0.00           | 0.00                     | 12.81        | 7.90            | 37.29          | 101.28         | 43.29          | 52.89          | 39.72          | 303.05         |
| Bioremediation (months) information only, data being compiled | 0.00                  | 0.00        | 7.87         | 2.25           | 0.00                     | 0.00         | 0.00            | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 10.12          |
| Stabilization duration (months)                               | 12                    | 12          | 12           | 12             | 12                       | 12           | 12              | 12             | 12             | 12             | 12             | 12             |                |
| <b>A. Monitor Well Sampling</b>                               |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| 1. Well Sampling prior to restoration start                   |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| # of Wells                                                    | 2                     | 97          | 97           | 0              | 0                        | 38           | 20              | 86             | 149            | 81             | 39             | 57             |                |
| \$/sample                                                     | \$333.00              | \$333.00    | \$333.00     | \$333.00       | \$333.00                 | \$333.00     | \$333.00        | \$333.00       | \$333.00       | \$333.00       | \$333.00       | \$333.00       |                |
| 2. Groundwater Sweep Sampling (quarterly)                     |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| # of Wells                                                    | 2                     | 97          | 97           | 0              | 0                        | 38           | 20              | 86             | 149            | 81             | 39             | 57             |                |
| Total # samples                                               | 0                     | 0           | 0            | 0              | 0                        | 64           | 20              | 373            | 1689           | 405            | 234            | 266            | 3051           |
| \$/sample                                                     | \$30.00               | \$30.00     | \$30.00      | \$30.00        | \$30.00                  | \$30.00      | \$30.00         | \$30.00        | \$30.00        | \$30.00        | \$30.00        | \$30.00        |                |
| 3. RO Sampling (quarterly)                                    |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| # of Wells                                                    | 2                     | 97          | 97           | 0              | 0                        | 38           | 20              | 86             | 149            | 81             | 39             | 57             |                |
| Total # samples                                               | 0                     | 0           | 259          | 0              | 0                        | 165          | 54              | 1061           | 5017           | 1161           | 689            | 760            | 9166           |
| \$/sample                                                     | \$30.00               | \$30.00     | \$30.00      | \$30.00        | \$30.00                  | \$30.00      | \$30.00         | \$30.00        | \$30.00        | \$30.00        | \$30.00        | \$30.00        |                |
| 4. Stabilization Sampling (Guideline 8, quarterly)            |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |
| # of Wells                                                    | 2                     | 97          | 97           | 0              | 0                        | 38           | 20              | 86             | 149            | 81             | 39             | 57             |                |
| Total # samples                                               | 30                    | 280         | 220          | 30             | 10                       | 95           | 80              | 140            | 445            | 345            | 165            | 165            | 2005           |
| \$/sample                                                     | \$333.00              | \$333.00    | \$333.00     | \$333.00       | \$333.00                 | \$333.00     | \$333.00        | \$333.00       | \$333.00       | \$333.00       | \$333.00       | \$333.00       |                |
| 5. Stabilization Sampling (6-parameter bi-monthly)            |                       |             |              |                |                          |              |                 |                |                |                |                |                |                |

Camero Resources  
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| Ground Water Restoration                             |                  |              |                |                |                         |              |                 |                |                |                |                |                |       |
|------------------------------------------------------|------------------|--------------|----------------|----------------|-------------------------|--------------|-----------------|----------------|----------------|----------------|----------------|----------------|-------|
|                                                      | Mine Unit-A      | Mine Unit-B  | Mine Unit-C    | Mine Unit-C19N | Mine Unit-C East Drifts | Mine Unit-D  | Mine Unit-D Ext | Mine Unit-E    | Mine Unit-F    | Mine Unit-H    | Mine Unit-I    | Mine Unit-J    |       |
| # of Wells                                           | 6                | 56           | 44             | 6              | 2                       | 19           | 16              | 28             | 89             | 69             | 33             | 33             |       |
| Total # samples                                      | 12               | 582          | 582            | 0              | 0                       | 228          | 120             | 316            | 894            | 486            | 234            | 242            | 1996  |
| \$/sample                                            | \$30.00          | \$30.00      | \$30.00        | \$30.00        | \$30.00                 | \$30.00      | \$30.00         | \$30.00        | \$30.00        | \$30.00        | \$30.00        | \$30.00        |       |
| 6-Monthly Well Sampling                              |                  |              |                |                |                         |              |                 |                |                |                |                |                |       |
| # of Wells                                           | 2                | 97           | 97             | 0              | 0                       | 38           | 20              | 86             | 149            | 81             | 39             | 57             |       |
| \$/sample                                            | \$30.00          | \$30.00      | \$30.00        | \$30.00        | \$30.00                 | \$30.00      | \$30.00         | \$30.00        | \$30.00        | \$30.00        | \$30.00        | \$30.00        |       |
| Total # samples (2.2/mo for entire period)           | 53               | 2361         | 5920           | 0              | 0                       | 2431         | 991             | 11677          | 48200          | 12424          | 7080           | 8146           | 99483 |
| Other Laboratory Costs                               |                  |              |                |                |                         |              |                 |                |                |                |                |                |       |
| Radon, urinalysis, etc.                              | \$912.00/month   |              |                |                |                         |              |                 |                |                |                |                |                |       |
| Total for Other Laboratory Costs                     | \$54,720.00      | \$54,720.00  | \$7,177.44     | \$0.00         | \$0.00                  | \$15,576.96  | \$9,603.36      | \$45,344.64    | \$123,156.48   | \$32,640.64    | \$64,314.24    | \$48,299.52    |       |
| Subtotal Monitoring and Sampling Costs per Mine Unit | \$67,326.00      | \$274,551.00 | \$315,568.44   | \$9,990.00     | \$3,330.00              | \$146,505.96 | \$78,453.36     | \$529,412.64   | \$1,994,958.48 | \$628,778.64   | \$379,356.24   | \$407,645.52   |       |
| Total Monitoring and Sampling Costs                  | \$4,834,876.28   |              |                |                |                         |              |                 |                |                |                |                |                |       |
| VI. Supervisory Labor Cost (for all Reclamation)     |                  |              |                |                |                         |              |                 |                |                |                |                |                |       |
| Environmental Manager/RSO Support                    | \$7,527.40/month |              |                |                |                         |              |                 |                |                |                |                |                |       |
| Restoration Manager Support                          | \$5,908.12/month |              |                |                |                         |              |                 |                |                |                |                |                |       |
| HP Technician support                                | \$4,255.11/month |              |                |                |                         |              |                 |                |                |                |                |                |       |
| Active restoration period (months)                   | 60.00            | 60.00        | 7.87           | 0.00           | 0.00                    | 17.08        | 10.53           | 49.72          | 135.04         | 57.72          | 70.52          | 52.96          |       |
| Stabilization period (months)                        | 12               | 12           | 12             | 12             | 12                      | 12           | 12              | 12             | 12             | 12             | 12             | 12             |       |
| Total Restoration Period                             | 12.5 years       |              |                |                |                         |              |                 |                |                |                |                |                |       |
| Manager support during restoration                   | \$2,015,328.90   |              |                |                |                         |              |                 |                |                |                |                |                |       |
| HP Technician support during restoration             | \$638,266.20     |              |                |                |                         |              |                 |                |                |                |                |                |       |
| Total Supervisory Labor Costs                        | \$2,653,595.10   |              |                |                |                         |              |                 |                |                |                |                |                |       |
| TOTAL RESTORATION COST PER WELLFIELD                 | \$67,912.67      | \$340,257.67 | \$1,010,005.19 | \$143,201.19   | \$3,330.00              | \$597,477.48 | \$356,206.06    | \$1,875,987.25 | \$6,888,912.70 | \$2,221,655.09 | \$2,297,549.56 | \$1,849,468.35 |       |
| VII. Capital Costs (for all Reclamation)             | \$9,943,830.00   |              |                |                |                         |              |                 |                |                |                |                |                |       |
| TOTAL GROUND WATER RESTORATION COSTS                 | \$29,448,588.31  |              |                |                |                         |              |                 |                |                |                |                |                |       |

Cameco Resources  
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| Well Abandonment                                            |                |              |              |                 |                    |              |                 |              |                |              |              |              | Totals         |
|-------------------------------------------------------------|----------------|--------------|--------------|-----------------|--------------------|--------------|-----------------|--------------|----------------|--------------|--------------|--------------|----------------|
|                                                             | Mine Unit-A    | Mine Unit-B  | Mine Unit-C  | Mine Unit-C 19N | Mine Unit-C East D | Mine Unit-D  | Mine Unit-D Ext | Mine Unit-E  | Mine Unit-F    | Mine Unit-H  | Mine Unit-I  | Mine Unit-J  |                |
| I. Well Abandonment (Wellfields)                            |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| # of Production Wells                                       | 2              | 141          | 190          | 0               | 0                  | 43           | 30              | 119          | 459            | 154          | 125          | 118          | 1381           |
| # of Injection Wells                                        | 2              | 224          | 343          | 0               | 0                  | 74           | 67              | 212          | 873            | 316          | 236          | 240          | 2587           |
| # of Monitoring Wells                                       | 2              | 97           | 97           | 0               | 0                  | 38           | 20              | 86           | 149            | 81           | 39           | 57           | 646            |
| Total Number of Wells                                       | 6              | 462          | 630          | 0               | 0                  | 155          | 117             | 417          | 1481           | 551          | 400          | 415          | 4654           |
| Average Diameter of Casing (inches)                         | 5              | 5            | 5            | 5               | 5                  | 5            | 5               | 5            | 5              | 5            | 5            | 5            | 5              |
| Production, Injection and Perimeter Well Average Depth (ft) | 500            | 450          | 550          | 550             | 550                | 600          | 600             | 550          | 650            | 500          | 650          | 540          | 544            |
| Total Mine Unit Well Depth (ft)                             | 3000           | 207900       | 346500       | 0               | 0                  | 93000        | 70200           | 229350       | 962650         | 275500       | 260000       | 224100       | 949950         |
| Well Abandonment Unit Cost (\$/ft of well)                  | \$1.45         | \$1.45       | \$1.45       | \$1.45          | \$1.45             | \$1.45       | \$1.45          | \$1.45       | \$1.45         | \$1.45       | \$1.45       | \$1.45       | \$1.45         |
| Subtotal Abandonment Cost per Wellfield                     | \$4,350.00     | \$301,455.00 | \$502,425.00 | \$0.00          | \$0.00             | \$134,850.00 | \$101,790.00    | \$332,557.50 | \$1,395,842.50 | \$399,475.00 | \$377,000.00 | \$324,945.00 | \$3,874,690.00 |
| II. Downhole Pump Disposal                                  |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Number of Downhole Pumps                                    | 130            |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Pump Disposal Volume (ft <sup>3</sup> )                     | 157            |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Total Pump Disposal Volume (yd <sup>3</sup> )               | 25.6           |              |              |                 |                    |              |                 |              |                |              |              |              | 25.6           |
| Downhole Pump Disposal Rate (\$/yd <sup>3</sup> )           | \$138.00       |              |              |                 |                    |              |                 |              |                |              |              |              | \$353.00       |
| Subtotal Downhole Pump Disposal                             |                | \$8,652.00   |              |                 |                    |              |                 |              |                |              |              |              | \$8,652.00     |
| III. Removal of Contaminated Soil Around Wells              |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| # of Production and Injection Wells                         | 39             |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Cost per well (\$/well)                                     | 120.90         |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Subtotal Removal of Soil Around Wells                       |                | \$479,969.28 |              |                 |                    |              |                 |              |                |              |              |              | \$479,969.28   |
| IV. Delineation Hole Abandonment                            |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| # of Proposed Holes                                         | 0              | 0            | 0            | 0               | 0                  | 0            | 0               | 0            | 0              | 0            | 0            | 0            | 0              |
| Average Depth (ft)                                          | 500            | 450          | 550          | 550             | 550                | 600          | 600             | 550          | 650            | 500          | 650          | 540          | 544            |
| Hole Abandonment Unit Cost (\$/ft of hole)                  | \$1.45         | \$1.45       | \$1.45       | \$1.45          | \$1.45             | \$1.45       | \$1.45          | \$1.45       | \$1.45         | \$1.45       | \$1.45       | \$1.45       | \$1.45         |
| Site Reclamation (\$/site)                                  | \$34.10        | \$34.10      | \$34.10      | \$34.10         | \$34.10            | \$34.10      | \$34.10         | \$34.10      | \$34.10        | \$34.10      | \$34.10      | \$34.10      | \$34.10        |
| Subtotal Hole Abandonment per Wellfield                     | \$0.00         | \$0.00       | \$0.00       | \$0.00          | \$0.00             | \$0.00       | \$0.00          | \$0.00       | \$0.00         | \$0.00       | \$0.00       | \$0.00       | \$0.00         |
| V. Waste Disposal Well Abandonment                          |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| A. Well Sealing                                             |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Sealing cost per foot (in Reynolds UKC permit)              | \$11.91        | \$11.91      | \$11.91      |                 |                    |              |                 |              |                |              |              |              |                |
| Subtotal Plugging Costs per Well                            | \$107,190      | \$119,100    | \$119,100    |                 |                    |              |                 |              |                |              |              |              |                |
| B. Pump Dismantling and Decommissioning                     |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Number of Persons                                           | 2              | 2            | 2            |                 |                    |              |                 |              |                |              |              |              |                |
| Number of Pumps                                             | 2              | 2            | 2            |                 |                    |              |                 |              |                |              |              |              |                |
| Pumps/Day                                                   | 0.5            | 0.5          | 0.5          |                 |                    |              |                 |              |                |              |              |              |                |
| Number of Days                                              | 4              | 4            | 4            |                 |                    |              |                 |              |                |              |              |              |                |
| \$/3hr/Person                                               | \$210          | \$210        | \$210        |                 |                    |              |                 |              |                |              |              |              |                |
| Subtotal Dismantling and Decom Costs per Well               | \$1,684        | \$1,684      | \$1,684      |                 |                    |              |                 |              |                |              |              |              |                |
| C. Tubing String Disposal (NRC licensed facility)           |                |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Length of Tubing String (ft)                                | 9183           | 10149        | 10180        |                 |                    |              |                 |              |                |              |              |              |                |
| Diameter of Tubing String (inches)                          | 2.875          | 2.875        | 2.875        |                 |                    |              |                 |              |                |              |              |              |                |
| Volume of Tubing String (ft <sup>3</sup> )                  | 406            | 451          | 451          |                 |                    |              |                 |              |                |              |              |              |                |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> ) | \$12.52        | \$12.52      | \$12.52      |                 |                    |              |                 |              |                |              |              |              |                |
| Subtotal Tubing String Disposal Costs per Well              | \$5,077        | \$5,641      | \$5,641      |                 |                    |              |                 |              |                |              |              |              |                |
| Subtotal Waste Disposal Well Abandonment Costs per Well     | \$113,950.97   | \$126,424.97 | \$126,424.97 |                 |                    |              |                 |              |                |              |              |              |                |
| Total Waste Disposal Well Abandonment Costs                 | \$366,800.90   |              |              |                 |                    |              |                 |              |                |              |              |              |                |
| Total Wellfield Abandonment Costs                           | \$4,730,114.43 |              |              |                 |                    |              |                 |              |                |              |              |              |                |

Cameco Resources  
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Summary Estimate

| Wellfield Buildings and Equipment Removal and Disposal                      | Mine Unit-C |             |             |          |                 |             |             |             |             |             |             |             |
|-----------------------------------------------------------------------------|-------------|-------------|-------------|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                                                             | Mine Unit-A | Mine Unit-B | Mine Unit-C | 19N      | Haul Drifts     | Mine Unit-D | Mine Unit-D | Mine Unit-E | Mine Unit-F | Mine Unit-H | Mine Unit-I | Mine Unit-J |
|                                                                             |             |             |             | Not Used | Included w/MU-C |             |             |             |             |             |             |             |
| I. Wellfield Piping                                                         |             |             |             |          |                 |             |             |             |             |             |             |             |
| Number of Header Houses per Wellfield                                       | 5           | 18          | 20          | 0        | 0               | 4           | 3           | 15          | 43          | 10          | 6           | 9           |
| Approximate Length of Piping per Header House (ft) (ave 46 wells per with 3 | 13800       | 13800       | 13800       | 13800    | 13800           | 13800       | 13800       | 13800       | 13800       | 13800       | 13800       | 13800       |
| Approximate Total Length of Piping (ft)                                     | 69000       | 248400      | 276000      | 0        | 0               | 8000        | 41400       | 207000      | 593400      | 138000      | 82800       | 124200      |
| A. Removal and Loading                                                      |             |             |             |          |                 |             |             |             |             |             |             |             |
| Wellfield Piping Removal Unit Cost (\$/ft of pipe)                          | \$0.85      | \$0.85      | \$0.85      | \$0.85   | \$0.85          | \$0.85      | \$0.85      | \$0.85      | \$0.85      | \$0.85      | \$0.85      | \$0.85      |
| Subtotal Wellfield Piping Removal and Loading Costs                         | \$58,650    | \$211,140   | \$234,600   | \$0      | \$0             | \$6,800     | \$35,190    | \$175,950   | \$504,390   | \$117,300   | \$70,380    | \$105,570   |
| B. Transport and Disposal Costs (NRC-Licensed Facility)                     |             |             |             |          |                 |             |             |             |             |             |             |             |
| Average Diameter of Piping (inches)                                         | 2           | 2           | 2           | 2        | 2               | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.005       | 0.005       | 0.005       | 0.005    | 0.005           | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       |
| Chipped Volume per Wellfield (ft <sup>3</sup> )                             | 345         | 1242        | 1380        | 0        | 0               | 40          | 207         | 1035        | 2967        | 690         | 414         | 621         |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )              | 380         | 1366        | 1518        | 0        | 0               | 44          | 228         | 1139        | 3264        | 759         | 455         | 683         |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )                 | \$12.52     | \$12.52     | \$12.52     | \$12.52  | \$12.52         | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     |
| Subtotal Wellfield Piping Transport and Disposal Costs                      | \$4,757     | \$17,100    | \$19,003    | \$0      | \$0             | \$551       | \$2,854     | \$14,259    | \$40,860    | \$9,502     | \$5,696     | \$8,550     |
| Wellfield Piping Costs per Wellfield                                        | \$63,407    | \$228,240   | \$253,603   | \$0      | \$0             | \$7,351     | \$38,044    | \$190,209   | \$545,250   | \$126,802   | \$76,076    | \$114,120   |
| Total Wellfield Piping Costs                                                | \$1,643,102 |             |             |          |                 |             |             |             |             |             |             |             |
| II. Well Pumps and Tubing                                                   |             |             |             |          |                 |             |             |             |             |             |             |             |
| Assumptions                                                                 |             |             |             |          |                 |             |             |             |             |             |             |             |
| 60% of production/injection wells contain pumps and/or tubing               |             |             |             |          |                 |             |             |             |             |             |             |             |
| A. Pump and Tubing Transportation and Disposal                              |             |             |             |          |                 |             |             |             |             |             |             |             |
| Number of Production Wells                                                  | 2           | 141         | 190         | 0        | 0               | 43          | 30          | 119         | 459         | 154         | 125         | 118         |
| Number of Injection Wells                                                   | 2           | 224         | 343         | 0        | 0               | 74          | 67          | 212         | 873         | 316         | 236         | 240         |
| 1. Pump Volume                                                              |             |             |             |          |                 |             |             |             |             |             |             |             |
| Number of Production Wells with Pumps                                       | 1           | 85          | 114         | 0        | 0               | 26          | 18          | 71          | 275         | 92          | 75          | 71          |
| Average Pump Volume (ft <sup>3</sup> )                                      | 1           | 1           | 1           | 1        | 1               | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| Pump Volume per Wellfield (ft <sup>3</sup> )                                | 1           | 85          | 114         | 0        | 0               | 26          | 18          | 71          | 275         | 92          | 75          | 71          |
| 2. Tubing Volume                                                            |             |             |             |          |                 |             |             |             |             |             |             |             |
| Assumptions                                                                 |             |             |             |          |                 |             |             |             |             |             |             |             |
| Average tubing length/wellfield based on average well depth minus 25 ft     |             |             |             |          |                 |             |             |             |             |             |             |             |
| Number of Production Wells with Tubing                                      | 1           | 85          | 114         | 0        | 0               | 26          | 18          | 71          | 275         | 92          | 75          | 71          |
| Number of Injection Wells with Tubing                                       | 1           | 134         | 206         | 0        | 0               | 44          | 40          | 127         | 524         | 190         | 142         | 144         |
| Average Tubing Length per Well (ft)                                         | 475         | 425         | 525         | 525      | 525             | 575         | 575         | 525         | 625         | 475         | 625         | 515         |
| Tubing Length per Wellfield (ft)                                            | 450         | 93075       | 168000      | 0        | 0               | 40250       | 33350       | 103950      | 499375      | 133950      | 135625      | 110725      |
| Diameter of Production Well Fiberglass Tubing (inches)                      | 2           | 2           | 2           | 2        | 2               | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| Diameter of Injection Well HDPE Tubing (inches)                             | 1.25        | 1.25        | 1.25        | 1.25     | 1.25            | 1.25        | 1.25        | 1.25        | 1.25        | 1.25        | 1.25        | 1.25        |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.005       | 0.005       | 0.005       | 0.005    | 0.005           | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       |
| Chipped Volume per Wellfield (ft <sup>3</sup> )                             | 5           | 465         | 840         | 0        | 0               | 201         | 167         | 520         | 2497        | 678         | 554         | 554         |
| Volume of Pump and Tubing (ft <sup>3</sup> )                                | 6           | 550         | 954         | 0        | 0               | 227         | 185         | 591         | 2772        | 762         | 753         | 625         |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )              | 7           | 605         | 1049        | 0        | 0               | 250         | 204         | 650         | 3049        | 838         | 828         | 688         |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )                 | \$12.52     | \$12.52     | \$12.52     | \$12.52  | \$12.52         | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     |
| Pump and Tubing Transport and Disposal Costs Per Wellfield                  | \$88        | \$7,574     | \$13,132    | \$0      | \$0             | \$3,130     | \$2,554     | \$8,137     | \$38,169    | \$10,491    | \$10,365    | \$8,613     |
| Total Pump and Tubing Costs                                                 | \$102,253   |             |             |          |                 |             |             |             |             |             |             |             |
| III. Buried Trunkline (Includes \$ for fiber optic cable removal)           |             |             |             |          |                 |             |             |             |             |             |             |             |
| Assumptions                                                                 |             |             |             |          |                 |             |             |             |             |             |             |             |
| Length of Trunkline Trench (ft)                                             | 6500        | 0           | 5900        | 0        | 0               | 12000       | 5500        | 0           | 11700       | 13200       | 10750       | 2500        |
| A. Removal and Loading                                                      |             |             |             |          |                 |             |             |             |             |             |             |             |
| Main Pipeline Removal Unit Cost (\$/ft of trench)                           | \$0.85      | \$0.85      | \$0.85      | \$0.85   | \$0.85          | \$0.85      | \$0.85      | \$0.85      | \$0.85      | \$0.85      | \$0.85      | \$0.85      |
| Subtotal Trunkline Removal and Loading Costs                                | \$5,525     | \$0         | \$5,015     | \$0      | \$0             | \$10,200    | \$4,675     | \$0         | \$9,945     | \$11,220    | \$9,138     | \$2,125     |
| B. Transport and Disposal Costs (NRC-Licensed Facility)                     |             |             |             |          |                 |             |             |             |             |             |             |             |
| 1. 1" Carbon Steel Trunkline                                                |             |             |             |          |                 |             |             |             |             |             |             |             |
| Piping Length (ft)                                                          | 0           | 0           | 0           | 0        | 0               | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Volume (ft <sup>3</sup> )                                                   | 0           | 0           | 0           | 0        | 0               | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 2. 1" HDPE Trunkline                                                        |             |             |             |          |                 |             |             |             |             |             |             |             |
| Piping Length (ft)                                                          | 0           | 0           | 0           | 0        | 0               | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.005       | 0.005       | 0.005       | 0.005    | 0.005           | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       | 0.005       |
| Chipped Volume (ft <sup>3</sup> )                                           | 0           | 0           | 0           | 0        | 0               | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 3. 3" HDPE Trunkline                                                        |             |             |             |          |                 |             |             |             |             |             |             |             |

**Cameco Resources**  
**Smith Ranch - Highland Uranium Project**

**Surety Estimate**

| Wellfield Buildings and Equipment Removal and Disposal                      | Mine Unit-A |             | Mine Unit-B |             | Mine Unit-C |             | Mine Unit-D |             | Mine Unit-E |             | Mine Unit-F |             | Mine Unit-H |             | Mine Unit-I |             | Mine Unit-J |             |  |
|-----------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
|                                                                             | 19N         | Haul Drifts | 19N         | Haul Drifts | 19N         | Haul Drifts | 19N         | Haul Drifts | 19N         | Haul Drifts | 19N         | Haul Drifts | 19N         | Haul Drifts | 19N         | Haul Drifts | 19N         | Haul Drifts |  |
| Piping Length (ft)                                                          | 6500        | 0           | 5900        | 0           | 12000       | 0           | 5500        | 0           | 11700       | 0           | 13200       | 0           | 10750       | 0           | 29900       |             |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       | 0.022       |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 143         | 0           | 130         | 0           | 264         | 0           | 121         | 0           | 257         | 0           | 290         | 0           | 237         | 0           |             |             |             |             |  |
| 4 6" HDPE Trunkline                                                         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Piping Length (ft)                                                          | 0           | 0           | 0           | 0           | 0           | 0           | 11000       | 0           | 0           | 0           | 0           | 0           | 3000        | 0           | 14000       |             |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       | 0.078       |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 0           | 0           | 0           | 0           | 0           | 0           | 858         | 0           | 0           | 0           | 0           | 0           | 234         | 0           |             |             |             |             |  |
| 5 8" HDPE Trunkline                                                         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Piping Length (ft)                                                          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |             |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        | 0.15        |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |             |             |             |  |
| 6 10" HDPE Trunkline                                                        |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Piping Length (ft)                                                          | 13000       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 750         | 0           | 13750       |             |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       | 0.277       |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 3601        | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 208         | 0           | 554         |             |             |             |  |
| 7 12" HDPE Trunkline                                                        |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Piping Length (ft)                                                          | 0           | 0           | 11800       | 0           | 0           | 0           | 24000       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2600        | 35800       |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       | 0.293       |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 0           | 0           | 3457        | 0           | 0           | 0           | 7032        | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 586         |             |             |             |  |
| 8 14" HDPE Trunkline                                                        |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Piping Length (ft)                                                          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 23400       | 26400       | 8500        | 0           | 23400       |             |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       | 0.359       |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 8401        | 9478        | 3052        | 0           |             |             |             |             |  |
| 9 14" HDPE Trunkline                                                        |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Piping Length (ft)                                                          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 23400       | 26400       | 8500        | 0           | 23400       |             |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 9360        | 10560       | 3400        | 0           |             |             |             |             |  |
| 10 18" HDPE Trunkline                                                       |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Piping Length (ft)                                                          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |             |             |             |  |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                              | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        | 0.62        |             |             |             |  |
| Chipped Volume (ft <sup>3</sup> )                                           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |             |             |             |  |
| Total Trunkline Chipped Volume (ft <sup>3</sup> )                           | 3744        | 0           | 3587.2      | 0           | 0           | 0           | 7296        | 979         | 0           | 0           | 18018       | 20328       | 7129.75     | 0           | 1140        |             |             |             |  |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )              | 4118        | 0           | 3946        | 0           | 0           | 0           | 8026        | 1077        | 0           | 0           | 19820       | 22361       | 7843        | 0           | 1254        |             |             |             |  |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )                 | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     |             |             |             |  |
| Subtotal Trunkline Transport and Disposal Costs                             | \$51,551    | \$0         | \$49,398    | \$0         | \$0         | \$0         | \$100,474   | \$13,482    | \$0         | \$0         | \$248,117   | \$279,927   | \$98,183    | \$0         | \$15,698    |             |             |             |  |
| Trunkline Decommissioning Costs per Wellfield                               | \$57,076    | \$0         | \$54,413    | \$0         | \$0         | \$0         | \$110,674   | \$18,157    | \$0         | \$0         | \$258,062   | \$291,147   | \$107,321   | \$0         | \$17,823    |             |             |             |  |
| Total Trunkline Decommissioning Costs                                       | \$914,673   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| IV. Well Houses                                                             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Total Quantity                                                              | 90          | 490         | 552         | 0           | 0           | 0           | 117         | 97          | 331         | 1347        | 470         | 361         | 285         |             |             |             |             |             |  |
| Average Well House Volume (ft <sup>3</sup> )                                | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        | 1.86        |             |             |             |             |             |  |
| A. Removal                                                                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Total Volume (ft <sup>3</sup> )                                             | 167.4       | 911.4       | 1026.72     | 0           | 0           | 0           | 217.62      | 180.42      | 615.66      | 2505.42     | 874.2       | 671.46      | 530.1       |             |             |             |             |             |  |
| Demolition Unit Cost per WDEQ Guideline No. 12 App. K (\$/ft <sup>3</sup> ) | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     | \$0.258     |             |             |             |             |             |  |
| Subtotal Well House Demolition Costs                                        | \$43        | \$235       | \$265       | \$0         | \$0         | \$0         | \$56        | \$47        | \$159       | \$646       | \$225       | \$173       | \$137       |             |             |             |             |             |  |
| B. Survey and Decontamination                                               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Cost per Well House                                                         | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        | 4.57        |             |             |             |             |             |  |
| Subtotal Survey and Decontamination Costs                                   | \$411       | \$2,240     | \$2,524     | \$0         | \$0         | \$0         | \$535       | \$443       | \$1,513     | \$6,158     | \$2,149     | \$1,650     | \$1,303     |             |             |             |             |             |  |
| C. Disposal at NRC licensed Facility                                        |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |
| Total Volume (cy)                                                           | 6           | 34          | 38          | 0           | 0           | 0           | 8           | 7           | 23          | 93          | 32          | 25          | 20          |             |             |             |             |             |  |
| Volume for Disposal Assuming 10% Void Space (cy)                            | 7           | 37          | 42          | 0           | 0           | 0           | 9           | 7           | 25          | 102         | 36          | 27          | 22          |             |             |             |             |             |  |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )                 | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     | \$12.52     |             |             |             |             |             |  |
| Subtotal NRC Licensed Facility Disposal Costs                               | \$88        | \$463       | \$526       | \$0         | \$0         | \$0         | \$113       | \$88        | \$313       | \$1,277     | \$451       | \$338       | \$275       |             |             |             |             |             |  |
| Well House Removal and Disposal Costs per Wellfield                         | \$542       | \$2,938     | \$3,315     | \$0         | \$0         | \$0         | \$704       | \$578       | \$1,985     | \$8,081     | \$2,825     | \$2,161     | \$1,715     |             |             |             |             |             |  |
| Total Well House Removal and Disposal Costs                                 | \$24,844    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |

V. Header Houses (Includes Booster Stations)

WF REC

Cameco Resources  
Smith Ranch - Highland Uranium Project

Summary Estimate

|                                                                | Mine Unit-A        | Mine Unit-B      | Mine Unit-C      | Mine Unit-C<br>19N | Mine Unit-C<br>Haul Drifts | Mine Unit-D      | Mine Unit-D     | Mine Unit-E      | Mine Unit-F      | Mine Unit-H      | Mine Unit-I      | Mine Unit-J      |
|----------------------------------------------------------------|--------------------|------------------|------------------|--------------------|----------------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| <b>Wellfield Buildings and Equipment Removal and Disposal</b>  |                    |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Total Quantity                                                 | 5                  | 18               | 20               | 0                  | 0                          | 4                | 3               | 15               | 43               | 10               | 6                | 9                |
| Average Header House Volume (ft³)                              | 800                | 800              | 800              | 800                | 800                        | 800              | 800             | 800              | 800              | 800              | 800              | 800              |
| <b>A Removal</b>                                               |                    |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Total Volume (ft³)                                             | 4000               | 14400            | 16000            | 0                  | 0                          | 3200             | 2400            | 12000            | 34400            | 8000             | 4800             | 7200             |
| Demolition Unit Cost per WDEQ Guideline No. 12, App K (\$/ft³) | \$0.236            | \$0.236          | \$0.236          | \$0.236            | \$0.236                    | \$0.236          | \$0.236         | \$0.236          | \$0.236          | \$0.236          | \$0.236          | \$0.236          |
| Subtotal Building Demolition Costs                             | \$945              | \$3,402          | \$3,780          | \$0                | \$0                        | \$756            | \$567           | \$2,835          | \$8,128          | \$1,890          | \$1,134          | \$1,701          |
| <b>B Survey and Decontamination</b>                            |                    |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Cost per Header House                                          | \$368              | \$368            | \$368            | \$368              | \$368                      | \$368            | \$368           | \$368            | \$368            | \$368            | \$368            | \$368            |
| Subtotal Survey and Decontamination Costs                      | \$1,842            | \$6,630          | \$7,367          | \$0                | \$0                        | \$1,473          | \$1,105         | \$5,525          | \$15,839         | \$3,684          | \$2,210          | \$3,315          |
| <b>C Disposal</b>                                              |                    |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Total Volume (cy)                                              | 148                | 533              | 593              | 0                  | 0                          | 119              | 89              | 444              | 1274             | 296              | 178              | 267              |
| Volume for Disposal Assuming 10% Void Space (cy)               | 163                | 587              | 652              | 0                  | 0                          | 130              | 98              | 489              | 1401             | 326              | 196              | 293              |
| Disposal Unit Cost per WDEQ Guideline No. 12, App K (\$/cy)    | \$7.56             | \$7.56           | \$7.56           | \$7.56             | \$7.56                     | \$7.56           | \$7.56          | \$7.56           | \$7.56           | \$7.56           | \$7.56           | \$7.56           |
| Subtotal On-Site Disposal Costs                                | \$1,232            | \$4,438          | \$4,930          | \$0                | \$0                        | \$983            | \$741           | \$3,697          | \$10,593         | \$2,465          | \$1,482          | \$2,215          |
| Headerhouse Soil Removal Volume ft³ (assumes 10'Wx20'Lx2.5'D)  | 500                | 500              | 500              | 500                | 500                        | 500              | 500             | 500              | 500              | 500              | 500              | 500              |
| Disposal Unit Cost (\$/ft³)                                    | \$5.22             | \$5.22           | \$5.22           | \$5.22             | \$5.22                     | \$5.22           | \$5.22          | \$5.22           | \$5.22           | \$5.22           | \$5.22           | \$5.22           |
| Subtotal Off-Site Disposal Costs                               | \$13,056           | \$47,000         | \$52,222         | \$0                | \$0                        | \$10,444         | \$7,833         | \$39,167         | \$112,278        | \$26,111         | \$15,667         | \$23,500         |
| Header House Removal and Disposal Costs per Wellfield          | \$17,075           | \$61,470         | \$68,299         | \$0                | \$0                        | \$13,656         | \$10,246        | \$51,224         | \$146,838        | \$34,150         | \$20,493         | \$30,731         |
| <b>Total Header House Removal and Disposal Costs</b>           | <b>\$454,182</b>   |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| <b>TOTAL REMOVAL AND DISPOSAL COSTS PER WELLFIELD</b>          | <b>\$138,188</b>   | <b>\$300,222</b> | <b>\$392,762</b> | <b>\$0</b>         | <b>\$0</b>                 | <b>\$135,515</b> | <b>\$69,579</b> | <b>\$251,555</b> | <b>\$996,400</b> | <b>\$465,415</b> | <b>\$216,416</b> | <b>\$173,002</b> |
| <b>VI Vehicle Operation Costs</b>                              |                    |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Number of Pickup Trucks/Pulling Units (Gas)                    |                    |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Unit Cost in \$/hr (WDEQ Guideline No. 12, Table D-1)          | \$29.28            |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Average Operating Time (Hrs/Year)                              | 10,000             |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| Total Number of Years (Average)                                |                    |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| <b>Total Vehicle Operation Costs</b>                           | <b>\$1,464,000</b> |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |
| <b>TOTAL WELLFIELD BUILDINGS AND EQUIPMENT REMOVAL</b>         | <b>\$4,603,054</b> |                  |                  |                    |                            |                  |                 |                  |                  |                  |                  |                  |

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| Wellfield and Satellite Surface Reclamation                    |  | Mine Unit-A/B       | Mine Unit-C     | Mine Unit-D    | Mine Unit-E     | Mine Unit-F     | Mine Unit-G     | Mine Unit-H     | Mine Unit-I     | Mine Unit-J     | Mine Unit-K    |
|----------------------------------------------------------------|--|---------------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| <b>I. Wellfield Pattern Area Reclamation</b>                   |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Pattern Area (acres)                                           |  | 19                  | 10              | 3              | 22              | 2               |                 |                 |                 |                 |                |
| Disking/Seeding Unit Cost (\$/acre)                            |  | \$685               | \$685           | \$685          | \$685           | \$685           | \$685           | \$685           | \$685           | \$685           | \$685          |
| Subtotal Pattern Area Reclamation Costs per Wellfield          |  | \$13,020            | \$20,558        | \$3,769        | \$15,076        | \$52,081        | \$17,132        | \$2,741         | \$13,706        | \$18,503        | \$0            |
| <b>Total Wellfield Pattern Area Reclamation Costs</b>          |  | <b>\$156,586</b>    |                 |                |                 |                 |                 |                 |                 |                 |                |
| <b>II. Wellfield Road Reclamation</b>                          |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Road Construction                                              |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Length of Wellfield Roads (1000 ft)                            |  | 12.8                | 11.3            | 2.4            | 13.3            | 18              | 15.7            | 5               | 5               | 5               | 1              |
| Wellfield Road Reclamation Unit Cost (\$/1000 ft)              |  | \$1,173             | \$1,173         | \$1,173        | \$1,173         | \$1,173         | \$1,173         | \$1,173         | \$1,173         | \$1,173         | \$1,173        |
| Wellfield Road Reclamation Costs                               |  | \$15,014            | \$13,255        | \$2,815        | \$15,601        | \$21,114        | \$18,416        | \$5,865         | \$5,865         | \$5,865         | \$1,173        |
| <b>Total Wellfield Road Reclamation Costs</b>                  |  | <b>\$104,983</b>    |                 |                |                 |                 |                 |                 |                 |                 |                |
| <b>III. Laydown area reclamation</b>                           |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Area of Disturbance (acres)                                    |  | 1                   | 1               | 1              | 1               | 1               | 1               | 1               | 1               | 1               | 1              |
| Average Depth of Stripped Topsoil (ft)                         |  | 0.67                | 0.67            | 0.67           | 0.67            | 0.67            | 0.67            | 0.67            | 0.67            | 0.67            | 0.67           |
| Surface Grade: Level Ground                                    |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Average Length of Topsoil Haul (ft)                            |  | 500                 | 500             | 500            | 500             | 500             | 500             | 500             | 500             | 500             | 500            |
| <b>A. Ripping Overburden with Dozer</b>                        |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)   |  | \$1,152.92          | \$1,152.92      | \$1,152.92     | \$1,152.92      | \$1,152.92      | \$1,152.92      | \$1,152.92      | \$1,152.92      | \$1,152.92      | \$1,152.92     |
| Subtotal Ripping Costs                                         |  | \$1,153.00          | \$1,153.00      | \$1,153.00     | \$1,153.00      | \$1,153.00      | \$1,153.00      | \$1,153.00      | \$1,153.00      | \$1,153.00      | \$1,153.00     |
| <b>B. Topsoil Application with Scraper</b>                     |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Volume of Topsoil Removed (cy)                                 |  | 1081                | 1081            | 1081           | 1081            | 1081            | 1081            | 1081            | 1081            | 1081            | 1081           |
| Application Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)  |  | \$1.09              | \$1.09          | \$1.09         | \$1.09          | \$1.09          | \$1.09          | \$1.09          | \$1.09          | \$1.09          | \$1.09         |
| Subtotal Topsoil Application Costs                             |  | \$1,182             | \$1,182         | \$1,182        | \$1,182         | \$1,182         | \$1,182         | \$1,182         | \$1,182         | \$1,182         | \$1,182        |
| <b>C. Discing and Seeding</b>                                  |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Disking/Seeding Unit Cost (\$/acre)                            |  | \$685               | \$685           | \$685          | \$685           | \$685           | \$685           | \$685           | \$685           | \$685           | \$685          |
| Subtotal Discing/Seeding Costs                                 |  | \$685               | \$685           | \$685          | \$685           | \$685           | \$685           | \$685           | \$685           | \$685           | \$685          |
| Subtotal Surface Reclamation Costs per WF laydown area         |  | \$3,020             | \$3,020         | \$3,020        | \$3,020         | \$3,020         | \$3,020         | \$3,020         | \$3,020         | \$3,020         | \$3,020        |
| <b>Total Wellfield Laydown Area Reclamation Costs</b>          |  | <b>\$30,200</b>     |                 |                |                 |                 |                 |                 |                 |                 |                |
| <b>SUBTOTAL SURFACE RECLAMATION COSTS PER WELLFIELD</b>        |  | <b>\$31,054</b>     | <b>\$36,833</b> | <b>\$9,604</b> | <b>\$33,697</b> | <b>\$76,215</b> | <b>\$38,568</b> | <b>\$11,626</b> | <b>\$22,591</b> | <b>\$27,388</b> | <b>\$4,193</b> |
| <b>TOTAL WELLFIELD SURFACE RECLAMATION COSTS</b>               |  | <b>\$291,769</b>    |                 |                |                 |                 |                 |                 |                 |                 |                |
| <b>IV. Satellite Area Reclamation</b>                          |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Assumptions:                                                   |  | Satellite No.1      | Satellite No.2  | Satellite No.3 |                 |                 |                 |                 |                 |                 |                |
| Area of Disturbance (acres)                                    |  | 1                   | 1               | 1              |                 |                 |                 |                 |                 |                 |                |
| Average Depth of Stripped Topsoil (ft)                         |  | 1                   | 0.67            | 0.67           |                 |                 |                 |                 |                 |                 |                |
| Surface Grade: Level Ground                                    |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Average Length of Topsoil Haul (ft)                            |  | 1000                | 500             | 500            |                 |                 |                 |                 |                 |                 |                |
| <b>A. Ripping Overburden with Dozer</b>                        |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)   |  | \$1,152.92          | \$1,152.92      | \$1,152.92     |                 |                 |                 |                 |                 |                 |                |
| Subtotal Ripping Costs                                         |  | \$1,153.00          | \$1,153.00      | \$1,153.00     |                 |                 |                 |                 |                 |                 |                |
| <b>B. Topsoil Application with Scraper</b>                     |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Volume of Topsoil Removed (cy)                                 |  | 1613                | 1081            | 1081           |                 |                 |                 |                 |                 |                 |                |
| Application Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)  |  | \$1.31              | \$1.31          | \$1.31         |                 |                 |                 |                 |                 |                 |                |
| Subtotal Topsoil Application Costs                             |  | \$2,107             | \$1,411         | \$1,411        |                 |                 |                 |                 |                 |                 |                |
| <b>C. Discing and Seeding</b>                                  |  |                     |                 |                |                 |                 |                 |                 |                 |                 |                |
| Disking/Seeding Unit Cost (\$/acre)                            |  | \$685               | \$685           | \$685          |                 |                 |                 |                 |                 |                 |                |
| Subtotal Discing/Seeding Costs                                 |  | \$685               | \$685           | \$685          |                 |                 |                 |                 |                 |                 |                |
| Subtotal Surface Reclamation Costs per Satellite               |  | \$3,945             | \$3,249         | \$3,249        |                 |                 |                 |                 |                 |                 |                |
| <b>Total Satellite Building Area Reclamation Costs</b>         |  | <b>\$10,443</b>     |                 |                |                 |                 |                 |                 |                 |                 |                |
| <b>TOTAL WELLFIELD AND SATELLITE SURFACE RECLAMATION COSTS</b> |  | <b>\$302,212.00</b> |                 |                |                 |                 |                 |                 |                 |                 |                |

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| Equipment Removal and Loading                            | Central Plant | Satellite No. 1 | Satellite No. 2 | Satellite No. 3 | Se Plant<br>Patterned after<br>a Satellite<br>Until Built |
|----------------------------------------------------------|---------------|-----------------|-----------------|-----------------|-----------------------------------------------------------|
| <b>I. Removal and Loading Costs</b>                      |               |                 |                 |                 |                                                           |
| <b>A. Tankage</b>                                        |               |                 |                 |                 |                                                           |
| Number of Tanks                                          | 26            | 8               | 14              | 18              | 14                                                        |
| Volume of Tank Construction Material (ft <sup>3</sup> )  | 1028          | 162             | 290             | 397             | 290                                                       |
| <b>Labor</b>                                             |               |                 |                 |                 |                                                           |
| Number of Persons                                        | 3             | 3               | 3               | 3               | 3                                                         |
| Ft <sup>3</sup> /Day                                     | 25            | 25              | 25              | 25              | 25                                                        |
| Number of Days                                           | 41            | 6               | 12              | 16              | 12                                                        |
| \$/Day/Person                                            | \$136         | \$136           | \$136           | \$136           | \$136                                                     |
| Subtotal Labor Costs                                     | \$16,832      | \$2,653         | \$4,748         | \$6,500         | \$4,748                                                   |
| <b>Equipment</b>                                         |               |                 |                 |                 |                                                           |
| Number of Days                                           | 41            | 6               | 12              | 16              | 12                                                        |
| \$/Day                                                   | \$960         | \$960           | \$960           | \$960           | \$960                                                     |
| Subtotal Equipment Costs                                 | \$39,475      | \$6,221         | \$11,136        | \$15,245        | \$11,136                                                  |
| Subtotal Tankage Removal and Loading Costs               | \$56,307      | \$8,874         | \$15,884        | \$21,745        | \$15,884                                                  |
| <b>B. PVC/Steel Pipe</b>                                 |               |                 |                 |                 |                                                           |
| PVC Pipe Footage                                         | 5000          | 1000            | 4000            | 4000            | 4000                                                      |
| Average PVC Pipe Diameter (inches)                       | 3             | 3               | 3               | 3               | 3                                                         |
| Shredded PVC Pipe Volume Reduction (ft <sup>3</sup> /ft) | 0.016         | 0.016           | 0.016           | 0.016           | 0.016                                                     |
| Volume of Shredded PVC Pipe (ft <sup>3</sup> )           | 80            | 16              | 64              | 64              | 64                                                        |
| Steel Pipe Footage                                       | 0             | 0               | 0               | 0               | 0                                                         |
| Average Steel Pipe Diameter (inches)                     | 0             | 0               | 0               | 0               | 0                                                         |
| Volume (ft <sup>3</sup> )                                | 0             | 0               | 0               | 0               | 0                                                         |
| <b>Labor</b>                                             |               |                 |                 |                 |                                                           |
| Number of Persons                                        | 2             | 2               | 2               | 2               | 2                                                         |
| Ft/Day                                                   | 300           | 300             | 300             | 300             | 300                                                       |
| Number of Days                                           | 16.67         | 3               | 13.33           | 13.33           | 13.33                                                     |
| \$/Day/Person                                            | \$136         | \$136           | \$136           | \$136           | \$136                                                     |
| Subtotal PVC/Steel Pipe Labor Costs                      | \$4,548       | \$910           | \$3,639         | \$3,639         | \$3,639                                                   |
| Subtotal PVC/Steel Pipe Removal and Loading Costs        | \$4,548       | \$910           | \$3,639         | \$3,639         | \$3,639                                                   |
| <b>C. Pumps</b>                                          |               |                 |                 |                 |                                                           |
| Number of Pumps                                          | 50            | 10              | 14              | 13              | 14                                                        |
| Average Volume (ft <sup>3</sup> /pump)                   | 4.93          | 4.93            | 4.93            | 4.93            | 4.93                                                      |

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| Equipment Removal and Loading                                        |  | Central Plant | Satellite No. 1 | Satellite No. 2 | Satellite No. 3 | Se Plant |
|----------------------------------------------------------------------|--|---------------|-----------------|-----------------|-----------------|----------|
| Volume of Pumps (ft <sup>3</sup> )                                   |  | 246.5         | 49.3            | 69.02           | 64.09           | 69.02    |
| Labor                                                                |  |               |                 |                 |                 |          |
| Number of Persons                                                    |  | 1             | 1               | 1               | 1               | 1        |
| Pumps/Day                                                            |  | 2             | 2               | 2               | 2               | 2        |
| Number of Days                                                       |  | 25            | 5               | 7               | 6.5             | 7        |
| \$/Day/Person                                                        |  | \$136         | \$136           | \$136           | \$136           | \$136    |
| Subtotal Labor Costs                                                 |  | \$3,411       | \$682           | \$955           | \$887           | \$955    |
| Subtotal Pump Removal and Loading Costs                              |  | \$3,411       | \$682           | \$955           | \$887           | \$955    |
| D. Dryer                                                             |  |               |                 |                 |                 |          |
| Dryer Volume (ft <sup>3</sup> )                                      |  | 885           |                 |                 |                 |          |
| Labor                                                                |  |               |                 |                 |                 |          |
| Number of Persons                                                    |  | 5             | 0               | 0               | 0               | 0        |
| Ft <sup>3</sup> /Day                                                 |  | 175           | 0               | 0               | 0               | 0        |
| Number of Days                                                       |  | 5             | 0               | 0               | 0               | 0        |
| \$/Day/Person                                                        |  | \$136         | \$136           | \$136           | \$136           | \$136    |
| Total Labor Cost                                                     |  | \$3,411       | \$0             | \$0             | \$0             | \$0      |
| Total Dryer Dismantling and Loading Cost                             |  | \$3,411       | \$0             | \$0             | \$0             | \$0      |
| E. RO Units                                                          |  |               |                 |                 |                 |          |
| Number of RO Units                                                   |  |               |                 |                 |                 |          |
| Current                                                              |  | 1             | 0               | 2               | 0               | 0        |
| Planned                                                              |  | 0             | 0               | 0               | 0               | 1        |
| Average Volume (ft <sup>3</sup> /RO Unit)                            |  | 250           | 250             | 250             | 250             | 250      |
| Labor                                                                |  |               |                 |                 |                 |          |
| Number of Persons                                                    |  | 2             | 2               | 2               | 2               | 2        |
| Number of Days                                                       |  | 0.5           | 0               | 1               | 0               | 0.5      |
| \$/Day/Person                                                        |  | \$136.45      | \$136.45        | \$136.45        | \$136.45        | \$136.45 |
| Subtotal RO Unit Removal and Loading Costs                           |  | \$136.45      | \$0.00          | \$272.90        | \$0.00          | \$136.45 |
| Subtotal Equipment Removal and Loading Costs per Facility            |  | \$67,813      | \$10,466        | \$20,751        | \$26,271        | \$20,615 |
| Total Equipment Removal and Loading Costs                            |  | \$145,916     |                 |                 |                 |          |
| <b>II. Transportation and Disposal Costs (NRC-Licensed Facility)</b> |  |               |                 |                 |                 |          |
| A. Tankage                                                           |  |               |                 |                 |                 |          |
| Volume of Tank Construction Material (ft <sup>3</sup> )              |  | 1028          | 162             | 290             | 397             | 290      |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       |  | 1131          | 178             | 319             | 437             | 319      |

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| Equipment Removal and Loading                                        | Central Plant            | Satellite No. 1 | Satellite No. 2 | Satellite No. 3 | Se Plant        |
|----------------------------------------------------------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52                  | \$12.52         | \$12.52         | \$12.52         | \$12.52         |
| Subtotal Tankage Transportation and Disposal Costs                   | \$14,158                 | \$2,228         | \$3,993         | \$5,471         | \$3,993         |
| <b>B. PVC / Steel Pipe</b>                                           |                          |                 |                 |                 |                 |
| Volume of Shredded PVC Pipe (ft <sup>3</sup> )                       | 80                       | 16              | 64              | 64              | 64              |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       | 88                       | 18              | 70              | 70              | 70              |
| Volume of Steel Pipe (ft <sup>3</sup> )                              | 0                        | 0               | 0               | 0               | 0               |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       | 0                        | 0               | 0               | 0               | 0               |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52                  | \$12.52         | \$12.52         | \$12.52         | \$12.52         |
| Subtotal PVC Pipe Transportation and Disposal Costs                  | \$1,102                  | \$225           | \$876           | \$876           | \$876           |
| <b>C. Pumps</b>                                                      |                          |                 |                 |                 |                 |
| Volume of Pumps (ft <sup>3</sup> )                                   | 246.5                    | 49.3            | 69.02           | 64.09           | 69.02           |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       | 271                      | 54              | 76              | 70              | 76              |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52                  | \$12.52         | \$12.52         | \$12.52         | \$12.52         |
| Subtotal Pump Transportation and Disposal Costs                      | \$3,393                  | \$676           | \$951           | \$876           | \$951           |
| <b>D. Dryer</b>                                                      |                          |                 |                 |                 |                 |
| Dryer Volume (ft <sup>3</sup> )                                      | 885                      | 0               | 0               | 0               | 0               |
| Volume for Disposal Assuming Dryer Remains Intact (ft <sup>3</sup> ) | 885                      | 0               | 0               | 0               | 0               |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52                  | \$12.52         | \$12.52         | \$12.52         | \$12.52         |
| Total Dryer Transportation and Disposal Costs                        | \$11,079                 | \$0             | \$0             | \$0             | \$0             |
| <b>E. RO Units</b>                                                   |                          |                 |                 |                 |                 |
| Volume of RO Units (ft <sup>3</sup> )                                | 250                      | 0               | 500             | 0               | 250             |
| Volume for Disposal Assuming 50% Volume Reduction (ft <sup>3</sup> ) | 125                      | 0               | 250             | 0               | 125             |
| Transportation and Disposal Unit Costs                               | \$12.52                  | \$12.52         | \$12.52         | \$12.52         | \$12.52         |
| Subtotal RO Unit Transportation and Disposal Costs                   | \$1,565                  | \$0             | \$3,130         | \$0             | \$1,565         |
| Subtotal Equipment Transportation and Disposal Costs per Facility    | \$31,297                 | \$3,129         | \$8,950         | \$7,223         | \$7,385         |
| <b>Total Equipment Transportation and Disposal Costs</b>             | <b>\$57,983</b>          |                 |                 |                 |                 |
| <b>III. Health and Safety Costs</b>                                  |                          |                 |                 |                 |                 |
| Radiation Safety Equipment                                           | Accounted for on GW REST |                 |                 |                 |                 |
| <b>Total Health and Safety Costs</b>                                 |                          |                 |                 |                 |                 |
| <b>SUBTOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS PER FACILITY</b>    | <b>\$99,110</b>          | <b>\$13,595</b> | <b>\$29,701</b> | <b>\$33,494</b> | <b>\$27,999</b> |
| <b>TOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS</b>                    | <b>\$203,899</b>         |                 |                 |                 |                 |

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| Building Demolition and Disposal (Highland Uranium Project Buildings)      | Central Plant      | Dryer Building | Satellite No. 1 | Satellite No. 2 | Satellite No. 3 | Sat. No. 3 Fab Shop | Yellowcake Warehouse | South Warehouse | Suspended Walkway |
|----------------------------------------------------------------------------|--------------------|----------------|-----------------|-----------------|-----------------|---------------------|----------------------|-----------------|-------------------|
| <b>I. Decontamination Costs</b>                                            |                    |                |                 |                 |                 |                     |                      |                 |                   |
| A. Wall Decontamination                                                    |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Area to be Decontaminated (ft <sup>2</sup> )                               | 131,000            | 0              | 0               | 0               | 0               | 0                   | 0                    | 0               | 0                 |
| HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       | \$0.71             | \$0.71         | \$0.71          | \$0.71          | \$0.71          | \$0.71              | \$0.71               | \$0.71          | \$0.71            |
| Subtotal Wall Decontamination Costs                                        | \$93,515           | \$0            | \$0             | \$0             | \$0             | \$0                 | \$0                  | \$0             | \$0               |
| B. Concrete Floor Decontamination                                          |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Area to be Decontaminated (ft <sup>2</sup> )                               | 17,820             | 0              | 6,000           | 9,600           | 9,600           | 0                   | 0                    | 0               | 0                 |
| HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       | \$0.44             | \$0.44         | \$0.44          | \$0.44          | \$0.44          | \$0.44              | \$0.44               | \$0.44          | \$0.44            |
| Subtotal Concrete Floor Decontamination Costs                              | \$7,836            | \$0            | \$2,638         | \$4,221         | \$4,221         | \$0                 | \$0                  | \$0             | \$0               |
| C. Deep Well Injection Costs                                               |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Total Kgals for Injection (1 gal used per ft <sup>2</sup> )                | 148.82             | 0              | 6               | 9.6             | 9.6             | 0                   | 0                    | 0               | 0                 |
| Deep Well Injection Unit Cost (\$/Kgals)                                   | \$1.19             | \$1.19         | \$1.19          | \$1.19          | \$1.19          | \$1.19              | \$1.19               | \$1.19          | \$1.19            |
| Subtotal Deep Well Injection Costs                                         | \$177              | \$0            | \$7             | \$11            | \$11            | \$0                 | \$0                  | \$0             | \$0               |
| Subtotal Decontamination Costs per Building                                | \$101,528          | \$0            | \$2,645         | \$4,232         | \$4,232         | \$0                 | \$0                  | \$0             | \$0               |
| <b>Total Decontamination Costs</b>                                         | <b>\$116,869</b>   |                |                 |                 |                 |                     |                      |                 |                   |
| <b>II. Demolition Costs</b>                                                |                    |                |                 |                 |                 |                     |                      |                 |                   |
| A. Building                                                                |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Volume of Building (ft <sup>3</sup> )                                      | 794,000            | 30,720         | 192,000         | 320,000         | 320,000         | 37,560              | 91,000               | 333,000         | 5,600             |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>3</sup> ) | \$0.26             | \$0.26         | \$0.26          | \$0.26          | \$0.26          | \$0.26              | \$0.26               | \$0.26          | \$0.26            |
| Subtotal Building Demolition Costs                                         | \$204,661          | \$7,918        | \$49,490        | \$82,483        | \$82,483        | \$9,681             | \$23,456             | \$85,834        | \$1,443           |
| B. Concrete Floor                                                          |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Area of Concrete Floor (ft <sup>2</sup> )                                  | 23,760             | 0              | 8,000           | 12800           | 12800           | 0                   | 6500                 | 18000           | 0                 |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>2</sup> ) | \$5.08             | \$5.08         | \$5.08          | \$5.08          | \$5.08          | \$5.08              | \$5.08               | \$5.08          | \$5.08            |
| Subtotal Concrete Floor Demolition Costs                                   | \$120,701          | \$0            | \$40,640        | \$65,024        | \$65,024        | \$0                 | \$33,020             | \$91,440        | \$0               |
| C. Concrete Footing                                                        |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Length of Concrete Footing (ft)                                            | 617                | 0              | 358             | 453             | 453             | 0                   | 322                  | 537             | 0                 |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft)               | \$18.10            | \$18.10        | \$18.10         | \$18.10         | \$18.10         | \$18.10             | \$18.10              | \$18.10         | \$18.10           |
| Subtotal Concrete Footing Demolition Costs                                 | \$11,158           | \$0            | \$6,475         | \$8,190         | \$8,190         | \$0                 | \$5,836              | \$9,712         | \$0               |
| Subtotal Demolition Costs per Building                                     | \$336,520          | \$7,918        | \$96,605        | \$155,697       | \$155,697       | \$9,681             | \$62,312             | \$186,986       | \$1,443           |
| <b>Total Demolition Costs</b>                                              | <b>\$1,361,021</b> |                |                 |                 |                 |                     |                      |                 |                   |
| <b>III. Disposal Costs</b>                                                 |                    |                |                 |                 |                 |                     |                      |                 |                   |
| A. Building                                                                |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Volume of Building (cy)                                                    | 29407              | 1138           | 7111            | 11852           | 11852           | 1391                | 3370                 | 12333           | 207               |
| On-Site                                                                    |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Percentage (%)                                                             | 100                | 100            | 100             | 100             | 100             | 100                 | 100                  | 100             | 100               |
| Volume for Disposal (cubic yards)                                          | 29407              | 1138           | 7111            | 11852           | 11852           | 1391                | 3370                 | 12333           | 207               |
| Disposal Unit Cost (\$/cy)                                                 | \$7.56             | \$7.56         | \$7.56          | \$7.56          | \$7.56          | \$7.56              | \$7.56               | \$7.56          | \$7.56            |
| Subtotal On-Site Disposal Costs                                            | \$222,348          | \$8,603        | \$53,767        | \$89,611        | \$89,611        | \$10,518            | \$25,483             | \$93,252        | \$1,568           |
| B. Concrete Floor                                                          |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Area of Concrete Floor (ft <sup>2</sup> )                                  | 23760              | 0              | 8000            | 12800           | 12800           | 0                   | 6500                 | 18000           | 1186              |
| Average Thickness of Concrete Floor (ft)                                   | 0.75               | 0.75           | 0.75            | 0.75            | 0.75            | 0.75                | 0.75                 | 0.75            | 0.75              |
| Volume of Concrete Floor (ft <sup>3</sup> )                                | 17820              | 0              | 6000            | 9600            | 9600            | 0                   | 4875                 | 13500           | 889.5             |
| Volume of Concrete Floor (cy)                                              | 660                | 0              | 222             | 356             | 356             | 0                   | 181                  | 500             | 33                |
| On-Site                                                                    |                    |                |                 |                 |                 |                     |                      |                 |                   |
| Percentage (%)                                                             | 75                 | 75             | 75              | 100             | 100             | 100                 | 100                  | 100             | 100               |
| Volume for Disposal (cy)                                                   | 495                | 0              | 167             | 356             | 356             | 0                   | 181                  | 500             | 33                |
| Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)                 | \$7.56             | \$7.56         | \$7.56          | \$7.56          | \$7.56          | \$7.56              | \$7.56               | \$7.56          | \$7.56            |

Cameco Resources  
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| Building Demolition and Disposal (Highland Uranium Project Buildings) | Central Plant            | Dryer Building | Satellite No. 1 | Satellite No. 2 | Satellite No. 3 | Sat. No. 3 Fab Shop | Yellowcake Warehouse | South Warehouse | Suspended Walkway |
|-----------------------------------------------------------------------|--------------------------|----------------|-----------------|-----------------|-----------------|---------------------|----------------------|-----------------|-------------------|
| Subtotal On-Site Disposal Costs                                       | \$3,743                  | \$0            | \$1,260         | \$2,688         | \$2,688         | \$0                 | \$1,365              | \$3,780         | \$249             |
| 2. NRC-Licensed Facility                                              |                          |                |                 |                 |                 |                     |                      |                 |                   |
| Percentage (%)                                                        | 25                       | 25             | 25              | 0               | 0               | 0                   | 0                    | 0               | 0                 |
| Volume for Disposal (ft <sup>3</sup> )                                | 4455                     | 0              | 1500            | 0               | 0               | 0                   | 0                    | 0               | 0                 |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )           | \$5.22                   | \$5.22         | \$5.22          | \$5.22          | \$5.22          | \$5.22              | \$5.22               | \$5.22          | \$5.22            |
| Subtotal NRC-Licensed Facility Disposal Costs                         | \$23,265                 | \$0            | \$7,833         | \$0             | \$0             | \$0                 | \$0                  | \$0             | \$0               |
| Subtotal Concrete Floor Disposal Costs                                | \$27,008                 | \$0            | \$9,093         | \$2,688         | \$2,688         | \$0                 | \$1,365              | \$3,780         | \$249             |
| C. Concrete Footing                                                   |                          |                |                 |                 |                 |                     |                      |                 |                   |
| Length of Concrete Footing (ft)                                       | 617                      | 0              | 358             | 453             | 453             | 0                   | 322                  | 537             | 124               |
| Average Depth of Concrete Footing (ft)                                | 4                        | 4              | 4               | 4               | 4               | 4                   | 4                    | 4               | 4                 |
| Average Width of Concrete Footing (ft)                                | 1                        | 1              | 1               | 1               | 1               | 1                   | 1                    | 1               | 1                 |
| Volume of Concrete Footing (ft <sup>3</sup> )                         | 2466                     | 0              | 1431            | 1810            | 1810            | 0                   | 1290                 | 2147            | 496               |
| Volume of Concrete Footing (cy)                                       | 91                       | 0              | 53              | 67              | 67              | 0                   | 48                   | 80              | 18                |
| Disposal Unit Cost per WDEQ Guideline No. 12, App. K (\$/cy)          | \$7.56                   | \$7.56         | \$7.56          | \$7.56          | \$7.56          | \$7.56              | \$7.56               | \$7.56          | \$7.56            |
| Subtotal Concrete Footing Disposal Costs                              | \$691                    | \$0            | \$401           | \$507           | \$507           | \$0                 | \$361                | \$601           | \$139             |
| Subtotal Disposal Costs per Building                                  | \$250,047                | \$8,603        | \$63,261        | \$92,806        | \$92,806        | \$10,518            | \$27,209             | \$97,633        | \$1,956           |
| Total Disposal Costs                                                  | \$816,295                |                |                 |                 |                 |                     |                      |                 |                   |
| IV. Health and Safety Costs                                           | Accounted for on GW REST |                |                 |                 |                 |                     |                      |                 |                   |
| SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS                       | \$688,095                | \$16,521       | \$162,511       | \$252,735       | \$252,735       | \$20,199            | \$89,521             | \$284,619       | \$3,399           |
| TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS                          | \$2,294,185              |                |                 |                 |                 |                     |                      |                 |                   |

Cameco Resources  
Smith Ranch - Highland Uranium Project  
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| Building Demolition and Disposal (Highland Uranium Project Buildings)      | Changehouse<br>and Lab | Maintenance<br>Bldg | Main<br>Office | Office<br>Trailers |
|----------------------------------------------------------------------------|------------------------|---------------------|----------------|--------------------|
| <b>I. Decontamination Costs</b>                                            |                        |                     |                |                    |
| A. Wall Decontamination                                                    |                        |                     |                |                    |
| Area to be Decontaminated (ft <sup>2</sup> )                               | 0                      | 0                   | 0              | 0                  |
| HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       | \$0.71                 | \$0.71              | \$0.71         | \$0.71             |
| Subtotal Wall Decontamination Costs                                        | \$0                    | \$0                 | \$0            | \$0                |
| B. Concrete Floor Decontamination                                          |                        |                     |                |                    |
| Area to be Decontaminated (ft <sup>2</sup> )                               | 0                      | 0                   | 0              | 0                  |
| HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       | \$0.44                 | \$0.44              | \$0.44         | \$0.44             |
| Subtotal Concrete Floor Decontamination Costs                              | \$0                    | \$0                 | \$0            | \$0                |
| C. Deep Well Injection Costs                                               |                        |                     |                |                    |
| Total Kgals for Injection (1 gal used per ft <sup>2</sup> )                | 0                      | 0                   | 0              | 0                  |
| Deep Well Injection Unit Cost (\$/Kgals)                                   | \$1.19                 | \$1.19              | \$1.19         | \$1.19             |
| Subtotal Deep Well Injection Costs                                         | \$0                    | \$0                 | \$0            | \$0                |
| Subtotal Decontamination Costs per Building                                | \$0                    | \$0                 | \$0            | \$0                |
| <b>Total Decontamination Costs</b>                                         |                        |                     |                |                    |
| <b>II. Demolition Costs</b>                                                |                        |                     |                |                    |
| A. Building                                                                |                        |                     |                |                    |
| Volume of Building (ft <sup>3</sup> )                                      | 73000                  | 27,000              | 72,000         | 20,000             |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>3</sup> ) | \$0.26                 | \$0.26              | \$0.26         | \$0.26             |
| Subtotal Building Demolition Costs                                         | \$18,816               | \$6,960             | \$18,559       | \$5,155            |
| B. Concrete Floor                                                          |                        |                     |                |                    |
| Area of Concrete Floor (ft <sup>2</sup> )                                  | 5400                   | 2100                | 6000           | 0                  |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>2</sup> ) | \$5.08                 | \$5.08              | \$5.08         | \$5.08             |
| Subtotal Concrete Floor Demolition Costs                                   | \$27,432               | \$10,668            | \$30,480       | \$0                |
| C. Concrete Footing                                                        |                        |                     |                |                    |
| Length of Concrete Footing (ft)                                            | 294                    | 183                 | 310            | 0                  |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft)               | \$18.10                | \$18.10             | \$18.10        | \$18.10            |
| Subtotal Concrete Footing Demolition Costs                                 | \$5,319                | \$3,317             | \$5,607        | \$0                |
| Subtotal Demolition Costs per Building                                     | \$31,567               | \$20,945            | \$54,646       | \$5,155            |
| <b>Total Demolition Costs</b>                                              |                        |                     |                |                    |
| <b>III. Disposal Costs</b>                                                 |                        |                     |                |                    |
| A. Building                                                                |                        |                     |                |                    |
| Volume of Building (cy)                                                    | 2704                   | 1000                | 2667           | 741                |
| On-Site                                                                    |                        |                     |                |                    |
| Percentage (%)                                                             | 100                    | 100                 | 100            | 100                |
| Volume for Disposal (cubic yards)                                          | 2704                   | 1000                | 2667           | 741                |
| Disposal Unit Cost (\$/cy)                                                 | \$7.56                 | \$7.56              | \$7.56         | \$7.56             |
| Subtotal On-Site Disposal Costs                                            | \$20,443               | \$7,561             | \$20,163       | \$5,601            |
| B. Concrete Floor                                                          |                        |                     |                |                    |
| Area of Concrete Floor (ft <sup>2</sup> )                                  | 0                      | 2100                | 6000           | 0                  |
| Average Thickness of Concrete Floor (ft)                                   | 0.75                   | 0.75                | 0.75           | 0.75               |
| Volume of Concrete Floor (ft <sup>3</sup> )                                | 0                      | 1575                | 4500           | 0                  |
| Volume of Concrete Floor (cy)                                              | 0                      | 58                  | 167            | 0                  |
| On-Site                                                                    |                        |                     |                |                    |
| Percentage (%)                                                             | 100                    | 100                 | 100            | 100                |
| Volume for Disposal (cy)                                                   | 0                      | 58                  | 167            | 0                  |
| Disposal Unit Cost per WDEQ Guideline No. 12, App.K (\$/cy)                | \$7.56                 | \$7.56              | \$7.56         | \$7.56             |

Cameco Resources  
Smith Ranch - Highland Uranium Project  
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| Building Demolition and Disposal (Highland Uranium Project Buildings) |  | Changehouse<br>and Lab   | Maintenance<br>Bldg | Main<br>Office | Office<br>Trailers |
|-----------------------------------------------------------------------|--|--------------------------|---------------------|----------------|--------------------|
| Subtotal On-Site Disposal Costs                                       |  | \$0                      | \$441               | \$1,260        | \$0                |
| 2. NRC-Licensed Facility                                              |  |                          |                     |                |                    |
| Percentage (%)                                                        |  | 0                        | 0                   | 0              | 0                  |
| Volume for Disposal (ft <sup>3</sup> )                                |  | 0                        | 0                   | 0              | 0                  |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )           |  | \$5.22                   | \$5.22              | \$5.22         | \$5.22             |
| Subtotal NRC-Licensed Facility Disposal Costs                         |  | \$0                      | \$0                 | \$0            | \$0                |
| Subtotal Concrete Floor Disposal Costs                                |  | \$0                      | \$441               | \$1,260        | \$0                |
| C. Concrete Footing                                                   |  |                          |                     |                |                    |
| Length of Concrete Footing (ft)                                       |  | 0                        | 183                 | 310            | 0                  |
| Average Depth of Concrete Footing (ft)                                |  | 4                        | 4                   | 4              | 4                  |
| Average Width of Concrete Footing (ft)                                |  | 1                        | 1                   | 1              | 1                  |
| Volume of Concrete Footing (ft <sup>3</sup> )                         |  | 0                        | 733                 | 1239           | 0                  |
| Volume of Concrete Footing (cy)                                       |  | 0                        | 27                  | 46             | 0                  |
| Disposal Unit Cost per WDEQ Guideline No. 12, App.K (\$/cy)           |  | \$7.56                   | \$7.56              | \$7.56         | \$7.56             |
| Subtotal Concrete Footing Disposal Costs                              |  | \$0                      | \$205               | \$347          | \$0                |
| Subtotal Disposal Costs per Building                                  |  | \$20,443                 | \$8,207             | \$21,770       | \$5,601            |
| Total Disposal Costs                                                  |  |                          |                     |                |                    |
| IV. Health and Safety Costs                                           |  | Accounted for on GW REST |                     |                |                    |
| SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS                       |  | \$72,010                 | \$29,152            | \$76,416       | \$10,756           |
| TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS                          |  |                          |                     |                |                    |

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|                                                                       |                        |                  |                  |                        |                                |
|-----------------------------------------------------------------------|------------------------|------------------|------------------|------------------------|--------------------------------|
| <b>Miscellaneous Reclamation</b>                                      |                        |                  |                  |                        |                                |
| <b>I. CP/Office Area Reclamation</b>                                  |                        |                  |                  |                        |                                |
| Concrete Pad= 0.3 acres                                               |                        |                  |                  |                        |                                |
| Total Area = 10 acres                                                 |                        |                  |                  |                        |                                |
| <b>A. Asphalt</b>                                                     |                        |                  |                  |                        |                                |
| Area of Asphalt (acres)                                               | 3.4                    |                  |                  |                        |                                |
| Demolition Unit Cost per WDEQ Guideline No 12, App I (\$/acre)        | \$821.28               |                  |                  |                        |                                |
| Average Thickness (ft)                                                | 0.50                   |                  |                  |                        |                                |
| Hauling Unit Cost per WDEQ Guideline No. 12, App C (500 ft, 0% grade) | \$1,093                |                  |                  |                        |                                |
| Volume of Asphalt (cy)                                                | 2.743                  |                  |                  |                        |                                |
| Disposal Average Cost per WDEQ Guideline No 12, App K (\$/cy)         | \$9.03                 |                  |                  |                        |                                |
| <b>Subtotal Concrete Pad Demolition and Disposal Costs</b>            | <b>\$27,568</b>        |                  |                  |                        |                                |
| <b>B. Ripping Overburden with Dozer</b>                               |                        |                  |                  |                        |                                |
| Overburden Surface Area (acres)                                       | 10.6                   |                  |                  |                        |                                |
| Ripping Unit Cost per WDEQ Guideline No 12, App II (\$/acre)          | \$1,152.92             |                  |                  |                        |                                |
| <b>Subtotal Ripping Overburden Costs</b>                              | <b>\$12,186</b>        |                  |                  |                        |                                |
| <b>C. Topsoil Application</b>                                         |                        |                  |                  |                        |                                |
| Area of surface disturbance (ft <sup>2</sup> )                        | 130680                 |                  |                  |                        |                                |
| Average thickness of topsoil (ft)                                     | 0.5                    |                  |                  |                        |                                |
| Average haul distance (ft)                                            | 2000                   |                  |                  |                        |                                |
| Surface grade (%)                                                     | 0%                     |                  |                  |                        |                                |
| Volume of Topsoil (cy)                                                | 2,420                  |                  |                  |                        |                                |
| Movement of Topsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy) | \$1.69                 |                  |                  |                        |                                |
| <b>Subtotal Topsoil Application Costs</b>                             | <b>\$4,094</b>         |                  |                  |                        |                                |
| <b>D. Discing/Seeding</b>                                             |                        |                  |                  |                        |                                |
| Surface Area (acres)                                                  | 13                     |                  |                  |                        |                                |
| Discing/Seeding Unit Cost (\$/acre)                                   | \$771                  |                  |                  |                        |                                |
| <b>Subtotal Discing/Seeding Costs</b>                                 | <b>\$10,017</b>        |                  |                  |                        |                                |
| <b>Total CPP/Office/Yard Area Reclamation</b>                         | <b>\$53,865</b>        |                  |                  |                        |                                |
| <b>II. Access Road Reclamation (includes culverts)</b>                |                        |                  |                  |                        |                                |
|                                                                       | <b>CPF/Office Area</b> | <b>Sat No. 1</b> | <b>Sat No. 3</b> | <b>Connecting Road</b> | <b>Sat No. 2 to Rancher Rd</b> |
| <b>A. Assumptions</b>                                                 |                        |                  |                  |                        |                                |
| Surface grade                                                         | 5%                     | 0%               | 0%               | 0%                     | 0%                             |
| Length of Road (ft)                                                   | 13200                  | 15840            | 5280             | 10560                  | 2640                           |
| Width of Road (ft)                                                    | 25                     | 30               | 30               | 30                     | 10                             |
| Area of road (acres)                                                  | 7.6                    | 10.9             | 3.6              | 7.3                    | 0.6                            |
| <b>B. Ripping and Hauling Asphalt</b>                                 |                        |                  |                  |                        |                                |
| <b>Assumptions</b>                                                    |                        |                  |                  |                        |                                |
| Average Haul Distance (feet)                                          | 5500                   | 0                | 0                | 0                      | 0.0                            |
| Average Thickness of Asphalt (ft)                                     | 0.5                    | 0                | 0                | 0                      | 0.0                            |
| Ripping Unit Cost Per WDEQ Guideline No 12, App I (\$/acre)           | \$821.28               | \$821.28         | \$821.28         | \$821.28               | \$821.28                       |
| Volume of Asphalt (cy)                                                | 6111                   | 0                | 0                | 0                      | 0                              |
| Hauling Unit Cost per WDEQ Guideline No 12, App C (\$/cy)             | \$3.49                 | \$3.49           | \$3.49           |                        | \$3.49                         |
| <b>C. Gravel Road Base Removal</b>                                    |                        |                  |                  |                        |                                |
| Average haul distance (ft)                                            | 0                      | 1000             | 1000             | 1000                   | 0                              |
| Gravel Road Base Width (ft)                                           | 0                      | 14               | 14               | 14                     |                                |
| Gravel Road Base Area (acres)                                         | 0.00                   | 5.09             | 1.70             | 3.39                   |                                |
| Average Road Base Depth (ft)                                          | 0                      | 0.5              | 0.5              | 0.5                    |                                |

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|                                                                        |                                     |                             |                              |            |            |
|------------------------------------------------------------------------|-------------------------------------|-----------------------------|------------------------------|------------|------------|
| <b>Miscellaneous Reclamation</b>                                       |                                     |                             |                              |            |            |
| Volume of Road Base (cy)                                               | 0                                   | 4107                        | 1369                         | 2738       |            |
| Removal Unit Cost per WDEQ Guideline No. 12, App.C (\$/cy)             | \$0.00                              | \$1.31                      | \$1.31                       | \$1.31     |            |
| Subtotal Gravel Road Base Removal Costs                                | \$0                                 | \$5,362                     | \$1,787                      | \$3,575    | \$0        |
| D Ripping Overburden with Dozer                                        |                                     |                             |                              |            |            |
| Overburden Surface Area (acres)                                        | 0.0                                 | 10.9                        | 3.6                          | 7.3        | 0.6        |
| Ripping Unit Cost per WDEQ Guideline No. 12, App. II (\$/acre)         | \$1,152.92                          | \$1,152.92                  | \$1,152.92                   | \$1,152.92 | \$1,152.92 |
| Subtotal Ripping Overburden Costs                                      | \$0                                 | \$12,577                    | \$4,192                      | \$8,385    | \$699      |
| E Topsoil Application                                                  |                                     |                             |                              |            |            |
| Average haul distance (ft)                                             | 1500                                | 5000                        | 1500                         | 1500       | 1500       |
| Topsoil Surface Area (ft <sup>2</sup> )                                | 330000                              | 475200                      | 158400                       | 316800     | 26400      |
| Depth of Topsoil (ft)                                                  | 0.5                                 | 0.5                         | 0.5                          | 0.5        | 0.5        |
| Volume of Topsoil (cy)                                                 | 6111                                | 8800                        | 2933                         | 5867       | 489        |
| Movement of Topsoil Unit Cost per WDEQ Guideline No. 12, App.C (\$/cy) | \$1.31                              | \$1.31                      | \$1.31                       | \$1.31     | \$1.31     |
| Subtotal Topsoil Application Costs                                     | \$7,979                             | \$11,490                    | \$3,830                      | \$7,660    | \$638      |
| F Discing/Seeding                                                      |                                     |                             |                              |            |            |
| Surface Area (acres)                                                   | 7.6                                 | 10.9                        | 3.6                          | 7.3        | 0.6        |
| Discing/Seeding Unit Cost (\$/acre)                                    | \$685                               | \$685                       | \$685                        | \$685      | \$685      |
| Subtotal Discing/Seeding Costs                                         | \$5,192                             | \$7,476                     | \$2,492                      | \$4,984    | \$415      |
| Multiplier for Projected Additions                                     | 0                                   | 0                           | 0                            | 0          | 0          |
| Subtotal Reclamation Costs per Access Road                             | \$13,171                            | \$36,905                    | \$12,301                     | \$24,604   | \$1,752    |
| <b>Total Access Road Reclamation Costs</b>                             | <b>\$88,733</b>                     |                             |                              |            |            |
| <b>III. Trunk Lines</b>                                                |                                     |                             |                              |            |            |
|                                                                        | <b>SAT2 to SAT1<br/>WW Pipeline</b> | <b>SAT3 to SAT2<br/>PSR</b> | <b>H-WF Rest.<br/>Bypass</b> |            |            |
| Length of Trench (ft)                                                  | 24000                               | 22000                       | 2200                         |            |            |
| A Removal and Loading                                                  |                                     |                             |                              |            |            |
| Main Pipeline Removal Unit Cost (\$/ft of trench)                      | \$0.85                              | \$0.85                      | \$0.85                       |            |            |
| Subtotal Trunkline Removal and Loading Costs                           | \$20,400                            | \$18,700                    | \$1,870                      |            |            |
| B Transport and Disposal Costs (NRC-Licensed Facility)                 |                                     |                             |                              |            |            |
| 1 3" HDPE Trunkline                                                    |                                     |                             |                              |            |            |
| Piping Length (ft)                                                     | 24000                               | 0                           | 2200                         |            |            |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                         | 0.022                               | 0.022                       | 0.022                        |            |            |
| Chipped Volume (ft <sup>3</sup> )                                      | 528                                 | 0                           | 48.4                         |            |            |
| 2 4" HDPE Trunkline                                                    |                                     |                             |                              |            |            |
| Piping Length (ft)                                                     | 0                                   | 22000                       | 0                            |            |            |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                         | 0.032                               | 0.032                       | 0.032                        |            |            |
| Chipped Volume (ft <sup>3</sup> )                                      | 0                                   | 704                         | 0                            |            |            |
| 2 6" HDPE Trunkline                                                    |                                     |                             |                              |            |            |
| Piping Length (ft)                                                     | 0                                   | 0                           | 0                            |            |            |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                         | 0.078                               | 0.078                       | 0.078                        |            |            |
| Chipped Volume (ft <sup>3</sup> )                                      | 0                                   | 0                           | 0                            |            |            |
| 3 8" HDPE Trunkline                                                    |                                     |                             |                              |            |            |
| Piping Length (ft)                                                     | 0                                   | 0                           | 0                            |            |            |
| Chipped Volume Reduction (ft <sup>3</sup> /ft)                         | 0.15                                | 0.15                        | 0.15                         |            |            |

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|                                  |                                                                                     |                       |                       |
|----------------------------------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|
| <b>Miscellaneous Reclamation</b> |                                                                                     |                       |                       |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0                     | 0                     |
| 3                                | 10" HDPE Trunkline                                                                  |                       |                       |
|                                  | Piping Length (ft)                                                                  | 0                     | 0                     |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.277                 | 0.277                 |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0                     | 0                     |
| 4                                | 12" HDPE Trunkline                                                                  |                       |                       |
|                                  | Piping Length (ft)                                                                  | 0                     | 0                     |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.293                 | 0.293                 |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0                     | 0                     |
| 5                                | 14" HDPE Trunkline                                                                  |                       |                       |
|                                  | Piping Length (ft)                                                                  | 0                     | 0                     |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.359                 | 0.359                 |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0                     | 0                     |
| 5                                | 16" HDPE Trunkline                                                                  |                       |                       |
|                                  | Piping Length (ft)                                                                  | 0                     | 0                     |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.4                   | 0.4                   |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0                     | 0                     |
| 6                                | 18" HDPE Trunkline                                                                  |                       |                       |
|                                  | Piping Length (ft)                                                                  | 0                     | 0                     |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.47                  | 0.47                  |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0                     | 0                     |
|                                  | Total Pipeline Disposal Volume                                                      | 528                   | 704                   |
|                                  | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )                      | 581                   | 774                   |
|                                  | Transportation and Disposal Unit Cost (NRC-Licensed Facility) (\$/ft <sup>3</sup> ) | \$12.52               | \$12.52               |
|                                  | Subtotal Transport and Disposal Costs                                               | \$7,273               | \$9,689               |
| C                                | Discing/Seeding                                                                     |                       |                       |
|                                  | Width of Pipeline Trench (ft)                                                       | 10                    | 10                    |
|                                  | Area of Pipeline Trench (acres)                                                     | 5.5                   | 5.1                   |
|                                  | Discing/Seeding Unit Cost (\$/acre)                                                 | \$685                 | \$685                 |
|                                  | Subtotal Discing/Seeding Costs                                                      | \$3,776               | \$3,461               |
|                                  | Subtotal Reclamation Costs per Pipeline                                             | \$31,449              | \$31,850              |
|                                  | Total Pipeline Reclamation Costs                                                    | \$66,109              |                       |
| IV.                              | Settling Basin/Storage Ponds Reclamation                                            |                       |                       |
|                                  |                                                                                     | <b>E. Radium Pond</b> | <b>W. Radium Pond</b> |
| A                                | Soil Sampling and Monitoring                                                        |                       |                       |
|                                  | Number of Soil Samples                                                              | 10                    | 10                    |
|                                  | \$/Sample                                                                           | \$333                 | \$333                 |
|                                  | Subtotal Soil Sampling and Monitoring Costs                                         | \$3,330               | \$3,330               |
| B                                | Subsoil Removal and Disposal (Liner removed in 2003)                                |                       |                       |
|                                  | Thickness of subsoil (ft)                                                           | 1                     | 1                     |
|                                  | Thickness of contaminated subsoil (ft)                                              | 0.5                   | 0.5                   |
|                                  | Width of Pond (ft)                                                                  | 85                    | 85                    |
|                                  | Length of Pond (ft)                                                                 | 140                   | 140                   |
|                                  | Surface area of pond (ft <sup>2</sup> )                                             | 11900                 | 11900                 |

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|                                                                        |                 |           |  |
|------------------------------------------------------------------------|-----------------|-----------|--|
| <b>Miscellaneous Reclamation</b>                                       |                 |           |  |
| 1. Removal and Loading                                                 |                 |           |  |
| Volume of Subsoil (cy)                                                 | 220             | 220       |  |
| Subsoil Removal and Loading Unit Cost (\$/cy)                          | \$4.51          | \$4.51    |  |
| Subtotal Subsoil Removal and Loading Costs                             | \$993           | \$993     |  |
| 2. Transportation and Disposal                                         |                 |           |  |
| Volume of Subsoil for Disposal (ft <sup>3</sup> )                      | 220             | 220       |  |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )            | \$141.00        | \$141.00  |  |
| Subtotal Subsoil Transportation and Disposal Costs                     | \$31,072        | \$31,072  |  |
| Subtotal Subsoil Removal and Disposal Costs                            | \$32,065        | \$32,065  |  |
| C. Grade and Contour                                                   |                 |           |  |
| Volume of Embankment Materials (cy)                                    | 6400            | 6400      |  |
| Average Grade (%)                                                      | 0               | 0         |  |
| Distance (ft)                                                          | 50              | 50        |  |
| Material Moving Cost per WDEQ Guideline No. 12, App E (\$/cy)          | 0.1298          | 0.1298    |  |
| Subtotal Grade and Contour Costs                                       | 830.72          | 830.72    |  |
| D. Topsoil Application                                                 |                 |           |  |
| Area of surface disturbance (ft <sup>2</sup> )                         | 99000           | 99000     |  |
| Average thickness of topsoil (ft)                                      | 0.5             | 0.5       |  |
| Average haul distance (ft)                                             | 1000            | 1000      |  |
| Surface grade (%)                                                      | 0               | 3         |  |
| Volume of Topsoil (cy)                                                 | 1,833           | 1,833     |  |
| Movement of Topsoil Unit Cost per WDEQ Guideline No. 12, App C (\$/cy) | \$1.31          | \$1.31    |  |
| Subtotal Topsoil Application Costs                                     | \$2,394         | \$2,394   |  |
| D. Discing/Seeding                                                     |                 |           |  |
| Area of surface disturbance (acres)                                    | 2.3             | 2.3       |  |
| Discing/Seeding Unit Cost (\$/acre)                                    | \$685           | \$685     |  |
| Subtotal Discing/Seeding Costs                                         | \$1,556         | \$1,556   |  |
| Subtotal Reclamation Costs                                             | \$40,176        | \$40,176  |  |
| <b>Total Settling Basin/Ponds Reclamation Costs</b>                    | <b>\$80,351</b> |           |  |
| V. Purge Storage Reservoir Reclamation                                 | PSR-1           | PSR-2     |  |
| A. Soil Sampling and Monitoring                                        |                 |           |  |
| Number of Soil Samples                                                 | 10              | 10        |  |
| \$/Sample                                                              | \$333           | \$333     |  |
| Subtotal Soil Sampling and Monitoring Costs                            | \$3,330         | \$3,330   |  |
| B. Leachate Collection System Removal Costs                            | \$5,000         | \$0       |  |
| C. Topsoil/Subsoil Application                                         |                 |           |  |
| Assumptions:                                                           |                 |           |  |
| Average haul distance (ft)                                             | 1000            | 150       |  |
| Surface grade (%)                                                      | 0               | 0         |  |
| Volume of Topsoil/Subsoil (cy)                                         | 83000           | 74000     |  |
| Movement of Topsoil Unit Cost per WDEQ Guideline No. 12, App C (\$/cy) | \$1.31          | \$1.31    |  |
| Subtotal Topsoil/Subsoil Application Costs per Reservoir               | \$108,373       | \$96,622  |  |
| D. Discing/Seeding                                                     |                 |           |  |
| Surface Area (acres)                                                   | 6               | 32        |  |
| Discing/Seeding Unit Cost (\$/acre)                                    | \$685           | \$685     |  |
| Subtotal Discing/Seeding Costs                                         | \$4,112         | \$21,929  |  |
| Subtotal Reclamation Costs per Reservoir                               | \$120,815       | \$121,881 |  |

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|                                                                                    |                         |                        |
|------------------------------------------------------------------------------------|-------------------------|------------------------|
| <b>Miscellaneous Reclamation</b>                                                   |                         |                        |
| <b>Total Purge Storage Reservoir Reclamation Costs</b>                             | <b>\$242,696</b>        |                        |
| <b>VI.A Irrigation Maintenance and Monitoring Costs</b>                            | <b>Irrigator No.1</b>   | <b>Irrigator No.2</b>  |
| A. Irrigation Maintenance and Repair                                               |                         |                        |
| Irrigation Operation Months/Year                                                   |                         |                        |
| Cost per Month                                                                     | \$0                     | \$0                    |
| Total Number of Years                                                              |                         |                        |
| Subtotal Maintenance and Repair Costs                                              | \$0                     | \$20,010               |
| B. Irrigation Monitoring and Sampling                                              |                         |                        |
| # of Irrigation Fluid Samples/Year                                                 |                         |                        |
| Cost/sample (Energy Labs - Casper Wyoming)                                         | \$333                   | \$333                  |
| # of Vegetation Samples/Year                                                       | 5                       | 5                      |
| Cost/sample (Energy Labs - Casper Wyoming)                                         | \$333                   | \$333                  |
| # of Soil Samples/Year                                                             |                         |                        |
| Cost/sample (Energy Labs - Casper Wyoming)                                         | \$333                   | \$333                  |
| # of Soil Water Samples/Year                                                       |                         |                        |
| Cost/sample (Energy Labs - Casper Wyoming)                                         | \$333                   | \$333                  |
| Total Number of Years                                                              | 5                       | 5                      |
| Subtotal Sampling Costs                                                            | \$58,275                | \$78,255               |
| Subtotal Maintenance and Monitoring Costs per Irrigator                            | \$58,275                | \$98,265               |
| <b>Total Irrigation Maintenance and Monitoring Costs</b>                           | <b>\$156,540</b>        |                        |
| <b>VI.B Irrigation Area Reclamation</b>                                            | <b>Irrigator No. 1A</b> | <b>Irrigator No. 2</b> |
| A. Irrigation Equipment Removal Costs                                              | \$2,000                 | \$2,000                |
| B. Plowing                                                                         |                         |                        |
| Assumptions                                                                        |                         |                        |
| Plowing Unit Cost (\$/acre)                                                        | \$30                    | \$30                   |
| Irrigation Area (acres)                                                            | 55                      | 55                     |
| Number of Cultivations                                                             | 2                       | 2                      |
| Subtotal Plowing Costs                                                             | \$3,300                 | \$3,300                |
| C. Discing/Seeding                                                                 |                         |                        |
| Discing/Seeding Unit Cost (\$/acre)                                                | \$685                   | \$685                  |
| Subtotal Discing/Seeding Costs                                                     | \$37,690                | \$37,690               |
| Subtotal Reclamation Costs per Irrigation Area                                     | \$42,990                | \$42,990               |
| <b>Total Irrigation Area Reclamation Costs</b>                                     | <b>\$85,980</b>         |                        |
| <b>VII. Revegetation of Exxon Reclaimed Lands</b>                                  |                         |                        |
| Assumptions                                                                        |                         |                        |
| 10% Reseeding potential areas of erosion (\$/acre)                                 | \$685                   |                        |
| Surface Area (acres)                                                               | 217                     |                        |
| <b>Total Exxon Reclaimed Lands Revegetation Costs</b>                              | <b>\$14,871</b>         |                        |
| <b>VIII. Potential Mitigation Plan For Irrigator No.1A (Requested by WDEQ-LQD)</b> |                         |                        |
| Assumptions                                                                        |                         |                        |
| Harvesting grass for 2 years will further reduce Se levels in vegetation.          |                         |                        |
| Harvest grass for 2 years @ \$2000/year.                                           | \$4,000                 |                        |

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|                                                                                                     |                    |                     |
|-----------------------------------------------------------------------------------------------------|--------------------|---------------------|
| <b>Miscellaneous Reclamation</b>                                                                    |                    |                     |
| Analyze Se in grass for 2 years @\$165/sample X 4 samples X 2 yrs.                                  | \$1,320            |                     |
| Analyze Se in soil for 2 years @\$174/sample X 28 samples X 2 yrs.                                  | \$9,744            |                     |
| Add 1 ft of Se free water to 58 acre irrigation area @ cost of \$6000.                              | \$6,000            |                     |
| If desired, plow, disk and reseed area with alfalfa @ cost of \$4400.                               | \$4,400            |                     |
| <b>Total Potential Mitigation Plan Costs- Call \$30,000</b>                                         | <b>\$30,000</b>    |                     |
| <b>IX. Potential Mitigation Plan For Irrigator No.2 (Requested by WDEQ-LQD)</b>                     |                    |                     |
| Assumptions:                                                                                        |                    |                     |
| Harvesting grass for 2 years will further reduce Se levels in vegetation.                           |                    |                     |
| Harvest grass for 2 years @ \$4000/year.                                                            | \$8,000            |                     |
| Analyze Se in grass for 2 years @\$165/sample X 4 samples X 2 yrs.                                  | \$1,320            |                     |
| Analyze Se in soil for 2 years @\$174/sample X 32 samples X 2 yrs.                                  | \$11,136           |                     |
| Add 1 ft of Se free water to 116 acre irrigation area @ cost of \$12000.                            | \$12,000           |                     |
| If desired, plow, disk and reseed area with alfalfa @ cost of \$8800.                               | \$8,800            |                     |
| <b>Total Potential Mitigation Plan Costs- Call \$42,000</b>                                         | <b>\$42,000</b>    |                     |
| <b>X. Potential Mitigation Plan for Shallow Well Casing Leak Investigation</b>                      |                    |                     |
| Assumptions:                                                                                        |                    |                     |
| Investigation and potential mitigation plan as of Feb 2009.                                         |                    |                     |
| Assume cost of \$50,000                                                                             |                    |                     |
| <b>Total Preliminary Cost</b>                                                                       | <b>\$50,000</b>    |                     |
| <b>XI. Miscellaneous</b>                                                                            |                    |                     |
| A. Fence Removal                                                                                    |                    |                     |
| Total Length of Fence (ft)                                                                          | 100,377            |                     |
| Fence Removal Cost                                                                                  | \$0.55             |                     |
| Subtotal Fence Removal                                                                              | \$55,207.35        |                     |
| B. Drill Water Tank Removal (offer to rancher, dispose of timbers)                                  |                    |                     |
| Material (cy)                                                                                       | 1.48               |                     |
| 4 hours Cat 924G Loader                                                                             | \$320.00           |                     |
| 4 hours truck                                                                                       | \$117.12           |                     |
| 4 hours labor (operator)                                                                            | \$105.25           |                     |
| Disposal costs                                                                                      | \$11.19            |                     |
| Subtotal Drill Water Tank Removal                                                                   | \$553.56           |                     |
| <b>Total Miscellaneous Structures Reclamation Costs</b>                                             | <b>\$55,760.91</b> |                     |
| <b>XII. Infrastructure, Equipment Maintenance, Replacement and Repairs @\$62,000/yr for 6 years</b> |                    | <b>\$372,000.00</b> |
| Note: 6 years is used to account for reduced maintenance as wellfields are decommissioned           |                    |                     |
| <b>TOTAL MISCELLANEOUS RECLAMATION COSTS</b>                                                        | <b>\$1,338,906</b> |                     |
| NOTE: Vehicle operation costs are captured in WF REC                                                |                    |                     |

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**WELLFIELD ROAD RECLAMATION**

**Assumptions**

1. Gravel road base removed at cost of **\$0.994/cy/1000 ft** (WDEQ Guideline No. 12, App. C, Level Ground, 500 ft haul)
2. Gravel road base: average depth = 0.25 ft, average width = 10 ft
3. Roads scarified prior to topsoil application at cost of **\$59.41/acre** (WDEQ Guideline No. 12, Appendix P)
4. Grading of scarified roads prior to topsoil application at cost of **\$64.77/acre** (WDEQ Guideline No. 12, Appendix G)
5. Topsoil applied at cost of **\$0.994/cy/1000 ft** (WDEQ Guideline No. 12, App. C, Level Ground, 500 ft haul)
6. Stripped topsoil: average depth = 0.67 ft, average width = 25 ft
7. Discing/seeding cost of **\$685/acre** is based on actual contractor costs

**Gravel Road Base Removal Costs per 1000 ft of Road**

$$\frac{1000 \text{ ft}}{1000 \text{ ft}} \times \frac{0.25 \text{ ft}}{0.25 \text{ ft}} \times \frac{10 \text{ ft}}{10 \text{ ft}} \times \frac{1 \text{ cy}}{27 \text{ ft}^3} \times \frac{\$0.99}{\text{cy}} = \$ 92$$

**Scarification Costs per 1000 ft of Road**

$$\frac{1000 \text{ ft}}{1000 \text{ ft}} \times \frac{25 \text{ ft}}{25 \text{ ft}} \times \frac{1 \text{ acre}}{4.356 \times 10^4 \text{ ft}^2} \times \frac{\$59.41}{\text{acre}} = \$ 34$$

**Grading Costs per 1000 ft of Road**

$$\frac{1000 \text{ ft}}{1000 \text{ ft}} \times \frac{25 \text{ ft}}{25 \text{ ft}} \times \frac{1 \text{ acre}}{4.356 \times 10^4 \text{ ft}^2} \times \frac{\$64.77}{\text{acre}} = \$ 37$$

**Topsoil Application Costs per 1000 ft of Road**

$$\frac{1000 \text{ ft}}{1000 \text{ ft}} \times \frac{0.67 \text{ ft}}{0.67 \text{ ft}} \times \frac{25 \text{ ft}}{25 \text{ ft}} \times \frac{1 \text{ cy}}{27 \text{ ft}^3} \times \frac{\$0.99}{\text{cy}} = \$ 617$$

**Discing/Seeding Costs per 1000 ft of Road**

$$\frac{1000 \text{ ft}}{1000 \text{ ft}} \times \frac{25 \text{ ft}}{25 \text{ ft}} \times \frac{1 \text{ acre}}{4.356 \times 10^4 \text{ ft}^2} \times \frac{\$685}{\text{acre}} = \$ 393$$

**TOTAL WELLFIELD ROAD RECLAMATION COSTS PER  
1000 FT OF ROAD**

**= \$ 1,173**

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| Groundwater Sweep (GWS) and Deep Disposal Well (DDW) Unit Costs                               |   |               |   |         |   |           |   |           |           |                  |         |
|-----------------------------------------------------------------------------------------------|---|---------------|---|---------|---|-----------|---|-----------|-----------|------------------|---------|
| <b>Assumptions:</b>                                                                           |   |               |   |         |   |           |   |           |           |                  |         |
| 1. Wellfield pumps are 5 hp pumping at 32 gpm                                                 |   |               |   |         |   |           |   |           |           |                  |         |
| 2. Cost of electricity =                                                                      |   |               |   |         |   |           |   |           |           | \$0.0478 kwh     |         |
| 3. Operator labor costs =                                                                     |   |               |   |         |   |           |   |           |           | \$210.50 man-day |         |
| 4. One 60 hp pump at the plant or satellite feeds two DDWs                                    |   |               |   |         |   |           |   |           |           |                  |         |
| 5. One 150 hp at each DDW                                                                     |   |               |   |         |   |           |   |           |           |                  |         |
| 6. Each DDW can take 75 gpm                                                                   |   |               |   |         |   |           |   |           |           |                  |         |
| <b>Wellfield Pumping Electrical Costs per 1000 Gallons</b>                                    |   |               |   |         |   |           |   |           |           |                  |         |
| 1000 gal                                                                                      | X | 3 hp          | X | 1 hr    | X | 0.746 kwh | X | \$ 0.0478 |           | = \$ 0.056       |         |
|                                                                                               |   | 32 gpm        |   | 60 min  |   | hp        |   | kwh       |           |                  |         |
| <b>Wellfield Pumping Labor Costs per 1000 Gallons</b>                                         |   |               |   |         |   |           |   |           |           |                  |         |
| 1000 gal                                                                                      | X | 1 mon         | X | 30 days | X | \$210.50  | X | 2         | operators | = \$ 1.922       |         |
|                                                                                               |   | 6,570,000 gal |   | 1 month |   | man-day   |   |           |           |                  |         |
| <b>Groundwater Sweep Production Rate</b>                                                      |   |               |   |         |   |           |   |           |           |                  |         |
| 150 gal                                                                                       | X | 60 min        | X | 24 hr   | X | 365 day   | X | 1         | year      | = 6,570,000      | gallons |
| min                                                                                           |   | hr            |   | day     |   | year      |   | 12        | month     |                  | month   |
| <b>Plant or Satellite to DDW or Irrigator No. 2 Pumping Electrical Costs per 1000 Gallons</b> |   |               |   |         |   |           |   |           |           |                  |         |
| 1000 gal                                                                                      | X | 60 hp         | X | 1 hr    | X | 0.746 kwh | X | \$ 0.0478 |           | = \$ 0.238       |         |
|                                                                                               |   | 150 gpm       |   | 60 min  |   | hp        |   | kwh       |           |                  |         |
| <b>DDW Pumping Costs per 1000 gallons</b>                                                     |   |               |   |         |   |           |   |           |           |                  |         |
| 1000 gal                                                                                      | X | 150 hp        | X | 1 hr    | X | 0.746 kwh | X | \$ 0.0478 |           | = \$ 1.189       |         |
|                                                                                               |   | 75 gpm        |   | 60 min  |   | hp        |   | kwh       |           |                  |         |
| <b>TOTAL GWS COSTS PER 1000 GALLONS</b>                                                       |   |               |   |         |   |           |   |           |           | <b>= \$ 3.41</b> |         |

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**Groundwater Reverse Osmosis (RO) and Bioremediation Unit Costs**

**Assumptions:**

|                                   |                    |                 |
|-----------------------------------|--------------------|-----------------|
| 1. Cost of electricity =          |                    | \$0.0478 KW hr  |
| 2. Operator labor costs =         |                    | \$210.50 day    |
| 3. RO System Horsepower:          |                    |                 |
| downhole pump                     | 3 hp               | 10 gpm          |
| RO Unit Pump                      | 60 hp              |                 |
| Permeate/Injection pump           | 60 hp              |                 |
| Waste pump                        | 15 hp              |                 |
| TOTAL:                            | 138 hp             |                 |
| 4. Chemical costs:                |                    |                 |
| Cheese Whey =                     |                    | \$1.08 gal      |
| Methanol =                        |                    | \$2.43 gal      |
| Antiscalant =                     |                    | \$16.19 gal     |
| 5. Mix Rates                      |                    |                 |
| Cheese Whey                       | 0.00005 gal/gal    |                 |
| Methanol                          | 0.00025 gal/gal    |                 |
| Antiscalant                       | 0.00000833 gal/gal |                 |
| 6. Based on 36 pumps at 1,000 gpm |                    |                 |
| 7. RO Maintenance Costs           |                    | \$0.05 per Kgal |

**Wellfield Pumping Electrical Costs per 1000 Gallons**

|          |   |        |   |        |   |           |   |           |            |          |
|----------|---|--------|---|--------|---|-----------|---|-----------|------------|----------|
| 1000 gal | X | 3 hp   | X | 1 hr   | X | 0.746 kwh | X | \$ 0.0478 | = \$ 0.056 | per Kgal |
|          |   | 32 gpm |   | 60 min |   | hp        |   | kwh       |            |          |

**Reverse Osmosis/Bioremediation Electrical Costs per 1000 Gallons**

|          |   |          |   |        |   |           |   |           |            |          |
|----------|---|----------|---|--------|---|-----------|---|-----------|------------|----------|
| 1000 gal | X | 138 hp   | X | 1 hr   | X | 0.746 kwh | X | \$ 0.0478 | = \$ 0.082 | per Kgal |
|          |   | 1000 gpm |   | 60 min |   | hp        |   | kwh       |            |          |

**Reverse Osmosis/Bioremediation Labor Costs per 1000 Gallons**

|          |   |           |   |           |   |          |   |             |            |          |
|----------|---|-----------|---|-----------|---|----------|---|-------------|------------|----------|
| 1000 gal | X | 1 min     | X | 1 man-day | X | \$210.50 | X | 2 operators | = \$ 0.877 | per Kgal |
|          |   | 1,000 gal |   | 480 min   |   | man-day  |   |             |            |          |

**Treatment chemical costs per 1000 Gallons**

|              |   |                             |   |                 |  |  |  |  |            |          |
|--------------|---|-----------------------------|---|-----------------|--|--|--|--|------------|----------|
| Antiscalant: |   |                             |   |                 |  |  |  |  |            |          |
| 1000 gal     | X | 0.000008330 gal antiscalant | X | \$16.19         |  |  |  |  | = \$ 0.135 | per Kgal |
|              |   | 1 gal                       |   | gal antiscalant |  |  |  |  |            |          |

|          |   |                      |   |              |  |  |  |  |            |          |
|----------|---|----------------------|---|--------------|--|--|--|--|------------|----------|
| Methanol |   |                      |   |              |  |  |  |  |            |          |
| 1000 gal | X | 0.00025 gal methanol | X | \$2.43       |  |  |  |  | = \$ 0.608 | per Kgal |
|          |   | 1 gal                |   | gal methanol |  |  |  |  |            |          |

|             |   |                         |   |                 |  |  |  |  |            |          |
|-------------|---|-------------------------|---|-----------------|--|--|--|--|------------|----------|
| Cheese Whey |   |                         |   |                 |  |  |  |  |            |          |
| 1000 gal    | X | 0.00005 gal cheese whey | X | \$1.08          |  |  |  |  | = \$ 0.054 | per Kgal |
|             |   | 1 gal                   |   | gal cheese whey |  |  |  |  |            |          |

**Reverse Osmosis Production Rate**

|         |   |        |   |       |   |         |   |        |              |         |
|---------|---|--------|---|-------|---|---------|---|--------|--------------|---------|
| 400 gal | X | 60 min | X | 24 hr | X | 365 day | X | 1 year | = 17,520,000 | gallons |
| min     |   | hr     |   | day   |   | year    |   | month  |              | month   |

**Bioremediation Production Rate (information only, not used)**

|          |   |        |   |       |   |         |   |        |              |         |
|----------|---|--------|---|-------|---|---------|---|--------|--------------|---------|
| 1050 gal | X | 60 min | X | 24 hr | X | 365 day | X | 1 year | = 45,990,000 | gallons |
| min      |   | hr     |   | day   |   | year    |   | month  |              | month   |

|                                                    |                  |
|----------------------------------------------------|------------------|
| <b>TOTAL RO COSTS PER 1000 GALLONS</b>             | <b>= \$ 1.20</b> |
| <b>TOTAL BIOREMEDIATION COSTS PER 1000 GALLONS</b> | <b>= \$ 1.68</b> |

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| FIVE YEAR MECHANICAL INTEGRITY TESTS (MIT)               |   |        |          |             |                |
|----------------------------------------------------------|---|--------|----------|-------------|----------------|
| <b>Assumptions:</b>                                      |   |        |          |             |                |
| 1 Pulling Unit for 8 hr/day                              |   |        |          |             |                |
| 2 MIT Unit for 8 hr/day                                  |   |        |          |             |                |
| 3 Labor for operation of pulling unit requires 2 workers |   |        |          |             |                |
| 4 Labor for operation of MIT Unit requires 1 worker      |   |        |          |             |                |
| <b>MIT Costs per Well</b>                                |   |        |          |             |                |
| <b>Equipment and Labor:</b>                              |   |        |          |             |                |
| Pulling Unit                                             |   |        |          |             |                |
| 8 hours                                                  | X | \$ 110 | per hour | = \$        | 880.00         |
| MIT Unit                                                 |   |        |          |             |                |
| 8 hours                                                  | X | \$ 110 | per hour | = \$        | 880.00         |
| <b>TOTAL MIT COST PER DAY</b>                            |   |        |          | <b>= \$</b> | <b>1760.00</b> |
| Wells Completed 6 per day                                |   |        |          |             |                |
| <b>MIT COSTS PER WELL</b>                                |   |        |          | <b>= \$</b> | <b>293.33</b>  |
| <b>MIT COSTS PER DEEP DISPOSAL WELL (2008 Cost)</b>      |   |        |          | <b>= \$</b> | <b>5907.53</b> |

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**WELL ABANDONMENT Unit Costs**

**Assumptions:**

- 1 Use backhoe for 0.25 hr/well to dig, cut off, and cap well.
- 2 Drill rig used 2.5 hrs to plug well.
- 3 Labor for installing chips, etc. will require 2 workers at 2.5 hrs per well
- 4 Contouring and seeding included with miscellaneous reclamation

| Well Abandonment Costs                |                 |             |          |   |          | Cost per ft<br>(based on 700 ft<br>wells) |
|---------------------------------------|-----------------|-------------|----------|---|----------|-------------------------------------------|
| Cat 416 Backhoe                       | 0.25 hours      | X \$ 80.00  | per hour | = | \$20.00  | \$0.0286                                  |
| Drill rig                             | 2.5 hours       | X \$ 148.84 | per hour | = | \$372.10 | \$0.5316                                  |
| Labor                                 | 2.5 hours       | X \$ 17.06  | per hour | = | \$42.64  | \$0.1218                                  |
| Well Cap                              | 1 each          | X \$ 1.27   | each     | = | \$1.27   | \$0.0018                                  |
| <b>Materials per foot of well</b>     |                 |             |          |   |          |                                           |
| Cement                                | 0.12 sacks/ft   | X \$ 5.94   | per sack | = |          | \$0.7128                                  |
| Plug Gel                              | 0.0067 sacks/ft | X \$ 7.30   | per sack | = |          | \$0.0489                                  |
| <b>Total Estimated Cost per Foot:</b> |                 |             |          |   |          | <b>\$1.45</b>                             |

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| <b>REMOVAL OF CONTAMINATED SOIL AROUND WELLS Unit Cost</b>               |                   |      |                |                      |
|--------------------------------------------------------------------------|-------------------|------|----------------|----------------------|
| <b>Assumptions:</b>                                                      |                   |      |                |                      |
| 1 Use backhoe for 0.25 hr/well to dig                                    |                   |      |                |                      |
| 2 Radiation Technician measures extent of contamination for 0.25 hr/well |                   |      |                |                      |
| <b>Assessment/Removal Costs</b>                                          |                   |      |                | <b>Cost per well</b> |
| Cat 416 Backhoe                                                          | 0.25 hours        | X \$ | 80.00 per hour | \$20.00              |
| Radiation Technician                                                     | 0.25 hours        | X \$ | 24.60 per hour | \$6.15               |
| Laborer                                                                  | 2.5 hours         | X \$ | 17.06          | \$42.64              |
| <b>Disposal and Transportation Costs</b>                                 |                   |      |                |                      |
| Contaminated Soil per Well                                               | 0.370 cy per well |      |                |                      |
| Disposal and Transportation                                              |                   | \$   | 141.00 per cy  | \$52.17              |
| <b>Total Estimated Cost per Well:</b>                                    |                   |      |                | <b>\$120.96</b>      |

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| DELINEATION HOLE ABANDONMENT Unit Costs                                        |                 |      |                 |                         |          |                                                    |
|--------------------------------------------------------------------------------|-----------------|------|-----------------|-------------------------|----------|----------------------------------------------------|
| <b>Assumptions:</b>                                                            |                 |      |                 |                         |          |                                                    |
| 1. Drill rig used 2.5 hrs to plug well.                                        |                 |      |                 |                         |          |                                                    |
| 2. Labor for installing chips, etc. will require 2 workers at 0.5 hrs per well |                 |      |                 |                         |          |                                                    |
| <b>Hole Abandonment Costs</b>                                                  |                 |      |                 |                         |          | <b>Cost per ft<br/>(based on 700 ft<br/>wells)</b> |
| Drill rig                                                                      | 2.5 hours       | X \$ | 148.84 per hour | =                       | \$372.10 | \$0.5316                                           |
| Well Cap                                                                       | 1 each          | X \$ | 1.27 each       | =                       | \$1.27   | \$0.0018                                           |
| Labor                                                                          | 2.5 hours       | X \$ | 17.06 per hour  | =                       | 42.64    | \$0.1218                                           |
| <b>Materials per foot of</b>                                                   |                 |      |                 |                         |          |                                                    |
| Cement                                                                         | 0.12 lbs/ft     | X \$ | 5.940 per pound | =                       |          | \$0.7128                                           |
| Plug Gel                                                                       | 0.0067 sacks/ft | X \$ | 7.30 per sack   | =                       |          | \$0.0489                                           |
| <b>Site Grading and Seeding:</b>                                               |                 |      |                 | <b>\$34.10 per site</b> |          |                                                    |
| <b>Total Estimated Cost per Foot:</b>                                          |                 |      |                 |                         |          | <b>\$1.42</b>                                      |

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|                                              |                         |                  |                           |  |  |
|----------------------------------------------|-------------------------|------------------|---------------------------|--|--|
| <b>Wellfield Building/Clay Liner Removal</b> |                         |                  |                           |  |  |
| <b>Cost per Well Head Cover</b>              |                         |                  |                           |  |  |
|                                              | Radiation Tech =        | 19               | per hour                  |  |  |
|                                              | Operator =              | 20               | per hour                  |  |  |
|                                              | Total Wellhead Covers = | 0.00             |                           |  |  |
|                                              | HCl 35% Cost =          | \$ 0.160         | per pound                 |  |  |
|                                              | Acid Usage Rate =       | 4.1              | pounds per wellhead cover |  |  |
|                                              | Acid Unit Cost =        | \$ 0.66          | per wellhead cover        |  |  |
|                                              | Total Labor Rate =      | \$ 45.72         | per hour                  |  |  |
|                                              | Cleaning Rate           | 10               | wellheads per hour        |  |  |
|                                              | <b>Survey / Decon.</b>  | <b>\$ 4.57</b>   | <b>per wellhead cover</b> |  |  |
| <b>Cost per Header House</b>                 |                         |                  |                           |  |  |
|                                              | Rad Technician =        | 19               | per hour                  |  |  |
|                                              | Operator =              | 20               | per hour                  |  |  |
|                                              | Number of Operators =   | 2                |                           |  |  |
|                                              | HCl 35% Cost =          | \$ 0.160         | per pound                 |  |  |
|                                              | Acid Usage Rate =       | 20               | pounds per header house   |  |  |
|                                              | Acid Unit Cost =        | \$ 3.20          | per header house          |  |  |
|                                              | Total Labor Rate =      | \$ 368.36        | per hour                  |  |  |
|                                              | Cleaning Rate           | 1                | header house per day      |  |  |
|                                              | <b>Survey / Decon.</b>  | <b>\$ 368.36</b> | <b>per header house</b>   |  |  |
| <b>Clay Liner/Subsoil Removal Cost</b>       |                         |                  |                           |  |  |
|                                              | Operator =              | 20               | per hour                  |  |  |
|                                              | Trackhoe =              | \$ 80.00         | per hour                  |  |  |
|                                              | Loader =                | \$ 80.00         | per hour                  |  |  |
|                                              | Loader Size =           | 20               | cubic yards               |  |  |
|                                              | Disposal Rate =         | 40               | yards/hour                |  |  |
|                                              | <b>Total Removal</b>    | <b>\$ 4.51</b>   | <b>per cubic yard</b>     |  |  |

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|                                                             |            |                 |  |  |  |  |  |  |  |
|-------------------------------------------------------------|------------|-----------------|--|--|--|--|--|--|--|
| <b>ACID WASH</b>                                            |            |                 |  |  |  |  |  |  |  |
| Assumptions:                                                |            |                 |  |  |  |  |  |  |  |
| 10% wash solution is used                                   |            |                 |  |  |  |  |  |  |  |
| 0.25 gallon of acid wash is used per sq ft. to clean walls. |            |                 |  |  |  |  |  |  |  |
| 1 gallon of acid wash is used per sq ft. to clean floors.   |            |                 |  |  |  |  |  |  |  |
| Using the CPP square footages the assumption is as follows  |            |                 |  |  |  |  |  |  |  |
| <b>Acid Wash (Walls)</b>                                    |            |                 |  |  |  |  |  |  |  |
| Labor                                                       | 2          | Men             |  |  |  |  |  |  |  |
| Rate                                                        | \$17.06    | hr.             |  |  |  |  |  |  |  |
| Time                                                        | 20         | 8hr. Days       |  |  |  |  |  |  |  |
| Manlift Rental                                              | \$8,000.00 | Month           |  |  |  |  |  |  |  |
| CPP Wall Area                                               | 26710      | square feet     |  |  |  |  |  |  |  |
| Labor and manlift                                           | \$0.50     | per square foot |  |  |  |  |  |  |  |
| Acid                                                        | \$0.16     | pound           |  |  |  |  |  |  |  |
| Consumables                                                 | \$0.05     | per square foot |  |  |  |  |  |  |  |
| Total                                                       | \$0.71     | per square foot |  |  |  |  |  |  |  |
| <b>Acid Wash (Floors)</b>                                   |            |                 |  |  |  |  |  |  |  |
| Labor                                                       | 2          | Workers         |  |  |  |  |  |  |  |
| Rate                                                        | \$17.06    | hr.             |  |  |  |  |  |  |  |
| Time                                                        | 15         | 8hr. Days       |  |  |  |  |  |  |  |
| CPP Floor Area                                              | 17820      | square feet     |  |  |  |  |  |  |  |
| Labor                                                       | \$0.23     | per square foot |  |  |  |  |  |  |  |
| Acid                                                        | \$0.16     | pound           |  |  |  |  |  |  |  |
| Consumables                                                 | \$0.05     | per square foot |  |  |  |  |  |  |  |
| Total                                                       | \$0.44     | per square foot |  |  |  |  |  |  |  |

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 Smith Ranch - Highland Uranium Cameco Resources  
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 Surety Estimate

| WELLFIELD PIPING REMOVAL Unit Costs                                |   |                                            |                                            |                   |                 |
|--------------------------------------------------------------------|---|--------------------------------------------|--------------------------------------------|-------------------|-----------------|
| <b>Assumptions:</b>                                                |   |                                            |                                            |                   |                 |
| 1. Trenching with backhoe at 1500 ft/day                           |   |                                            |                                            |                   |                 |
| 2. Pipeline extraction and backfilling with backhoe at 1500 ft/day |   |                                            |                                            |                   |                 |
| 4. Backhoe operation requires 1 worker                             |   |                                            |                                            |                   |                 |
| 5. Pipeline extraction requires 2 workers                          |   |                                            |                                            |                   |                 |
| 6. Operating schedule: 8 hrs/day, 5 days/week                      |   |                                            |                                            |                   |                 |
| <b>Equipment</b>                                                   |   |                                            |                                            |                   |                 |
| <b>Backhoe</b>                                                     |   |                                            |                                            |                   |                 |
| $\frac{\$ 80}{\text{hour}}$                                        | X | $\frac{8 \text{ hours}}{\text{day}}$       | $\frac{1 \text{ day}}{1500 \text{ ft}}$    | = \$ 0.43         | per foot        |
| <b>Labor</b>                                                       |   |                                            |                                            |                   |                 |
| <b>Backhoe Operation</b>                                           |   |                                            |                                            |                   |                 |
| $\frac{\$ 26.31}{\text{man hr}}$                                   | X | $\frac{8 \text{ man hrs}}{1 \text{ day}}$  | X $\frac{1 \text{ days}}{1500 \text{ ft}}$ | = \$ 0.14         | per foot        |
| <b>Pipeline Extraction</b>                                         |   |                                            |                                            |                   |                 |
| $\frac{\$ 26.31}{\text{man hr}}$                                   | X | $\frac{16 \text{ man hrs}}{1 \text{ day}}$ | X $\frac{1 \text{ day}}{1500 \text{ ft}}$  | = \$ 0.28         | per foot        |
| <b>MAIN PIPELINE REMOVAL COST</b>                                  |   |                                            |                                            | <b>= \$ 0.850</b> | <b>per foot</b> |

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| Mine Unit Data                                |             |             |             |                        |                            |             |                  |             |             |             |             |             |  |
|-----------------------------------------------|-------------|-------------|-------------|------------------------|----------------------------|-------------|------------------|-------------|-------------|-------------|-------------|-------------|--|
|                                               | Mine Unit-A | Mine Unit-B | Mine Unit-C | Mine Unit-C19N         | Mine Unit-C<br>Haul Drifts | Mine Unit-D | Mine Unit- D Ext | Mine Unit E | Mine Unit F | Mine Unit H | Mine Unit I | Mine Unit J |  |
| Total number of production wells              | 2           | 141         | 190         | 0                      | 0                          | 43          | 30               | 119         | 459         | 154         | 125         | 118         |  |
| Total number of injection wells               | 2           | 224         | 343         | 0                      | 0                          | 74          | 67               | 212         | 873         | 316         | 236         | 240         |  |
| Total number of monitor wells                 | 2           | 97          | 97          | 0                      | 0                          | 38          | 20               | 86          | 149         | 81          | 39          | 57          |  |
| Flare Factor                                  | 2.94        | 2.94        | 2           | 2                      | 0                          | 2.5         | 2.5              | 2.6         | 2           | 2.4         | 2.5         | 2.5         |  |
| Wellfield Area (ft2)                          | 151,900     | 690,900     | 1,067,056   | 325,000                | 0                          | 326,750     | 201,509          | 971,941     | 3,431,990   | 1,222,583   | 1,146,959   | 1,148,680   |  |
| Wellfield Area (acres)                        | 3.49        | 15.86       | 24.50       | 7.46                   | 0.00                       | 7.50        | 4.63             | 22.31       | 78.79       | 28.07       | 26.33       | 26.37       |  |
| Affected Ore Zone Area (ft2)                  | 151,900     | 690,900     | 1,067,056   | 325,000                | 0                          | 326,750     | 201,509          | 971,941     | 3,431,990   | 1,222,583   | 1,146,959   | 1,148,680   |  |
| Avg. Compacted Thickness                      | 15.0        | 15.0        | 16.0        | 15.0                   | 0.0                        | 17.0        | 17.0             | 16.0        | 16.0        | 16.0        | 20.0        | 15.0        |  |
| Porosity                                      | 0.27        | 0.27        | 0.27        | 0.27                   | 0.27                       | 0.27        | 0.27             | 0.27        | 0.27        | 0.27        | 0.27        | 0.27        |  |
| Affected Volume (ft3)                         | 6,698,790   | 30,468,690  | 34,145,792  | 9,750,000              | 0                          | 13,886,875  | 8,564,133        | 40,432,746  | 109,823,680 | 46,947,187  | 57,347,950  | 43,075,500  |  |
| Kgallons per Pore Volume                      | 13.529      | 61.535      | 68.961      | 19.691                 | 0                          | 28.046      | 17.296           | 81.658      | 221.800     | 94.815      | 115.820     | 86.995      |  |
| Number of Patterns in Unit(s)                 |             |             |             |                        |                            |             |                  |             |             |             |             |             |  |
| Current                                       | 2           | 141         | 190         | 0                      | 0                          | 43          | 30               | 119         | 459         | 154         | 125         | 118         |  |
| Estimated next report                         | 0           | 0           | 0           | 0                      | 0                          | 0           | 0                | 0           | 0           | 0           | 0           | 0           |  |
| Total Estimated                               | 2           | 141         | 190         | 0                      | 0                          | 43          | 30               | 119         | 459         | 154         | 125         | 118         |  |
| Number of Wells in Unit(s)                    |             |             |             |                        |                            |             |                  |             |             |             |             |             |  |
| Production Wells                              |             |             |             | Wells included in MU-C |                            |             |                  |             |             |             |             |             |  |
| Current                                       | 2           | 141         | 190         | 0                      | 0                          | 43          | 30               | 119         | 459         | 154         | 125         | 118         |  |
| Estimated next report                         | 0           | 0           | 0           | 0                      | 0                          | 0           | 0                | 0           | 0           | 0           | 0           | 0           |  |
| Total Estimated                               | 2           | 141         | 190         | 0                      | 0                          | 43          | 30               | 119         | 459         | 154         | 125         | 118         |  |
| Injection Wells                               |             |             |             |                        |                            |             |                  |             |             |             |             |             |  |
| Current                                       | 2           | 224         | 343         | 0                      | 0                          | 74          | 67               | 212         | 873         | 316         | 236         | 240         |  |
| Estimated next report                         | 0           | 0           | 0           | 0                      | 0                          | 0           | 0                | 0           | 0           | 0           | 0           | 0           |  |
| Total Estimated                               | 2           | 224         | 343         | 0                      | 0                          | 74          | 67               | 212         | 873         | 316         | 236         | 240         |  |
| Monitor and Restoration Wells                 |             |             |             |                        |                            |             |                  |             |             |             |             |             |  |
| Current                                       | 2           | 97          | 97          | 0                      | 0                          | 38          | 20               | 86          | 149         | 81          | 39          | 57          |  |
| Estimated next report                         | 0           | 0           | 0           | 0                      | 0                          | 0           | 0                | 0           | 0           | 0           | 0           | 0           |  |
| Total Estimated                               | 2           | 97          | 97          | 0                      | 0                          | 38          | 20               | 86          | 149         | 81          | 39          | 57          |  |
| Number of Wells per Wellfield                 |             |             |             |                        |                            |             |                  |             |             |             |             |             |  |
| Total Number of Wells                         | 4634        | 462         | 630         | 0                      | 0                          | 155         | 117              | 417         | 1481        | 551         | 400         | 415         |  |
| Average Well Depth (ft)                       | 500         | 450         | 550         | 550                    | 550                        | 600         | 600              | 550         | 650         | 500         | 650         | 540         |  |
| Average Diameter of Casing (inches)           | 5           | 5           | 5           | 5                      | 5                          | 5           | 5                | 5           | 5           | 5           | 5           | 5           |  |
| Defunction Holes Estimated Next Report Period | 0           | 0           | 0           | 0                      | 0                          | 0           | 0                | 0           | 0           | 0           | 0           | 0           |  |
| Length of Fencing (ft)                        | 0           | 0           | 18694       | 0                      | 0                          | 14060       | 0                | 18426       | 29540       | 9680        | 0           | 9977        |  |
| Number of Deep Disposal Wells                 | 3           |             |             |                        |                            |             |                  |             |             |             |             |             |  |

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| Electrical Costs                                                  |                                        |                                      |                |
|-------------------------------------------------------------------|----------------------------------------|--------------------------------------|----------------|
| Power cost                                                        | 2008 Actual                            |                                      | kw/Hr          |
| Kilowatt to Horsepower                                            | \$0.0478                               |                                      |                |
| Horsepower per gallon per minute                                  | 0.746                                  |                                      | Kw/HP          |
| Building Electricity Costs, Highest Winter Season                 | 0.167                                  |                                      | HP/gpm         |
|                                                                   | \$0.013                                |                                      | per cubic foot |
| Labor Rates                                                       |                                        |                                      |                |
| Latest Available, Wyoming, US Bureau of Labor/Statistics May 2007 |                                        | Inc 30% benefits<br>(i.e., overhead) |                |
| Environmental Manager/RSO                                         | \$33.47                                | \$43.51                              | hour           |
| Restoration Manager/Hydrologist                                   | \$26.27                                | \$34.15                              | hour           |
| Operator                                                          | \$20.24                                | \$26.31                              | hour           |
| Laborer                                                           | \$13.12                                | \$17.06                              | hour           |
| Engineer                                                          | \$29.12                                | \$37.86                              | hour           |
| Radiation/Environmental Engineering Technician                    | \$18.92                                | \$24.60                              | hour           |
| 2,080 working hours in a month                                    | 173                                    | hours per month                      |                |
| Chemical Costs                                                    |                                        |                                      |                |
|                                                                   | 2009 Actual (includes profit/overhead) |                                      |                |
| Antiscalant for RO                                                | \$16.19                                | gal                                  |                |
| Chesse Whey                                                       | \$1.08                                 | gal                                  |                |
| Methanol                                                          | \$2.43                                 | gal                                  |                |
| Cement                                                            | \$5.94                                 | sack                                 |                |
| Bentonite Tubes                                                   | \$2.90                                 | tube                                 |                |
| Plug Gel                                                          | \$7.50                                 | sack                                 |                |
| Well Cap                                                          | \$1.27                                 | each                                 |                |
| Hydrochloric Acid                                                 | \$0.16                                 | pound                                |                |
| Analytical Costs                                                  |                                        |                                      |                |
|                                                                   | 2009 Actual (includes profit/overhead) |                                      |                |
| Guideline 8 (contract lab adjusted for current contract cost)     | \$313.00                               | analysis                             |                |
| 6 parameter (contract lab) Est Rate (CPI)                         | \$30.00                                | analysis                             |                |
| Other (radon, bio, etc.) Est Rate (CPI)                           | \$912.00                               | month                                |                |

| CPI Escalators (CPI-U, U.S./West) |         |
|-----------------------------------|---------|
| Not used, it went down            |         |
| Dec 2007 CPI, (urban, West)       | 209.543 |
| Dec 2008 CPI (urban, West)        | 208.088 |
| Escalation Factor                 | -0.700  |

| Capital Program Costs                           |                    |
|-------------------------------------------------|--------------------|
| Brine Reduction Technology                      | \$1,000,000        |
| DDW x 2 Workovers                               | \$2,000,000        |
| (includes piping and powerline installation)    |                    |
| Engineering                                     | \$500,000          |
| Selenium Plant                                  | \$2,750,000        |
| Deep Disposal Well                              | \$1,900,000        |
| RO Unit                                         | \$500,000          |
| Disposal Well Transmission Lines                | \$500,000          |
| *NRC License/Inspection Fees (1/2 of 158606/yr) | \$793,030          |
| <b>TOTAL Capital Costs</b>                      | <b>\$9,943,030</b> |

\*Fees are split between Highland Uranium Project and Smith Ranch

Note: profit as used in this spreadsheet, indicates profit to the third party.

Cameco Resources  
Smith Ranch - Highland Uranium Project  
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Equipment Costs (includes profit and overhead)

| <u>Equipment</u>                                | <u>Base Rental<br/>Rate (\$/hr)</u> | <u>Labor Costs<br/>(\$/hr)</u> | <u>Repair Reserve Costs<br/>(\$/hr)</u> | <u>Fuel Costs (\$/hr)</u> | <u>Mob &amp; Demob<br/>(\$/hr)</u> | <u>Total (\$/hr)</u> |
|-------------------------------------------------|-------------------------------------|--------------------------------|-----------------------------------------|---------------------------|------------------------------------|----------------------|
| Cat 924G Loader                                 | \$80.00                             | N/A                            | inc                                     | inc                       | inc                                | \$80.00              |
| Cat 416 Backhoe                                 | \$80.00                             | N/A                            | inc                                     | inc                       | inc                                | \$80.00              |
| Shredder                                        | \$12.00                             | N/A                            | inc                                     | inc                       | inc                                | \$12.00              |
| Cat D8N Bulldozer                               | \$110.00                            | N/A                            | inc                                     | inc                       | inc                                | \$110.00             |
| Pulling Unit with Operator                      | \$110.00                            | inc                            | inc                                     | inc                       | inc                                | \$110.00             |
| MITT Unit with Operator                         | \$110.00                            | inc                            | inc                                     | inc                       | inc                                | \$110.00             |
| Drill Rig (workover, repair, P&A) with Operator | \$148.84                            | inc                            | inc                                     | inc                       | inc                                | \$148.84             |
| Manlift Rental                                  | \$50.00                             | inc                            | inc                                     | inc                       | inc                                | \$50.00              |
| Crane Rental                                    | \$110.00                            | inc                            | inc                                     | inc                       | inc                                | \$110.00             |

Basis:  
Cat 924G, 416 rental rates from Russell Construction (Jan 09); drill rig based on current contracts  
Diesel estimated  
Pulling Unit cost based on Pronghorn Pump and Repair (Jan 09)

\$2.689      gallon

Waste Disposal Costs (includes profit/overhead)

| <u>Waste Form</u>                               | <u>Fee</u> | <u>Density<br/>Correction Factor<br/>(Tons/Yd3)</u> | <u>Fee per Cubic<br/>Yard</u> | <u>Transport Cost</u> | <u>Total Transportation and Disposal<br/>Cost</u> |
|-------------------------------------------------|------------|-----------------------------------------------------|-------------------------------|-----------------------|---------------------------------------------------|
| Soil, Concrete, Bulk Byproduct Material         | \$185.19   | per Ton                                             | 0.54                          | \$100.00              | \$41.00      per Yd3                              |
| Unpackaged Bulk Byproduct Material (e.g., pipe) | \$707.15   | per Ton                                             | 0.42                          | \$297.00              | \$41.00      per Yd3                              |
| Solid Waste (landfill)                          | \$0.00827  | per Lb                                              |                               | Incl.                 | \$0.00827      per Lb                             |
| Solid Waste (landfill)                          | \$133.75   | per Load                                            |                               | Incl.                 | \$133.75      per Load                            |
| Void Factor (for disposal)                      | 1.25       |                                                     |                               |                       |                                                   |

**Cameco Resources**  
**Smith Ranch - Highland Uranium Project**  
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| Guideline No. 12 Unit Costs (includes profit)                                               |                |                                               |                |                        |
|---------------------------------------------------------------------------------------------|----------------|-----------------------------------------------|----------------|------------------------|
| Paragraph 12. Miscellaneous (Administrative, Overhead and Contingency)                      |                |                                               |                |                        |
| Extrapolated percentage based on numbers provided                                           |                |                                               |                |                        |
|                                                                                             |                | 15                                            | percent        |                        |
| App K. Cost Estimates for Demolition and Removal of Railroad Spurs and Facilities Buildings |                |                                               |                |                        |
| Task                                                                                        | Cost per unit  | Regional Cost Adjustment                      | Overhead (10%) | Adjusted Cost per Unit |
| Mixture of Types                                                                            | \$0.24 R3      | 0.974                                         | \$0.02         | \$0.258 R3             |
| Explosive Demolition, Concrete or Steel                                                     | 0.22 R3        | 0.974                                         | \$0.02         | \$0.236 R3             |
| Disposal (Average)                                                                          | 8.41 cy        | 0.974                                         | \$0.84         | \$9.032 cy             |
| City Landfill Dump Charges                                                                  | \$95.00 ton    | 0.974                                         | \$9.50         | \$102.030 ton          |
| Concrete Footings and Foundations                                                           |                | 0.974                                         |                | R2                     |
| 6" Thick with Rebar                                                                         | 4.73 R2        | 0.974                                         | \$0.47         | \$5.080 R2             |
| Footings - 2' Thick, 3' Wide                                                                | 16.85 lin. ft. | 0.974                                         | \$1.69         | \$18.097 lin. ft.      |
| Concrete Disposal On-Site                                                                   | 7.04 cy        | 0.974                                         | \$0.70         | \$7.561 cy             |
| App C. Calculations for Moving Materials with a Caterpillar 637G Push-Pull Scraper Fleet    |                |                                               |                |                        |
|                                                                                             |                | Operating Cost per bank (in situ) cubic yards |                |                        |
| One-Way Distance 500 feet, 0% grade                                                         |                | \$0.924                                       | \$0.10         | \$1.093 bcy            |
| One-Way Distance 1,000 feet, 0% grade                                                       |                | \$1.187                                       | \$0.12         | \$1.506 bcy            |
| One-Way Distance 2,000 feet, 0% grade                                                       |                | \$1.538                                       | \$0.15         | \$1.692 bcy            |
| One-Way Distance 6,500 feet, 5% grade                                                       |                | \$3.170                                       | \$0.32         | \$3.487 bcy            |
| App E. Calculations for Moving Material with a Caterpillar D9R Dozer                        |                |                                               |                |                        |
|                                                                                             |                | Operating Cost per linear cubic yard          |                |                        |
| Distance 50 feet                                                                            |                | \$0.1180                                      | \$0.01         | \$0.130 lcy            |
| App H. Cost Estimates for Handling Wire Fencing and Electrical Power Lines                  |                |                                               |                |                        |
| Fencing Removal                                                                             |                | \$0.5040                                      | \$0.05         | \$0.55 linear foot     |
| App I. Cost Estimate for Ripping Asphalt Using a Caterpillar D9R Dozer                      |                |                                               |                |                        |
|                                                                                             |                | Operating Cost                                |                |                        |
|                                                                                             |                | \$746.62                                      | \$74.66        | \$821.28 per acre      |
| App II. Cost Estimate for Ripping Overburden Using a Caterpillar D10R Dozer                 |                |                                               |                |                        |
|                                                                                             |                | Operating Costs                               |                |                        |
| 0.27 acre/hour                                                                              |                | \$282.22                                      | \$28.30        | \$311.29 per hour      |
|                                                                                             |                |                                               |                | \$1,152.92 per acre    |
| App L. Abandonment and Sealing of Cased Drill Holes and Monitor Wells                       |                |                                               |                |                        |
| Site Grading                                                                                |                | \$30.00                                       | \$3.00         | \$33.00 per site       |
| Seeding                                                                                     |                | \$1.00                                        | \$0.10         | \$1.10 per site        |

| Seeding Unit Costs                             |                  |
|------------------------------------------------|------------------|
| Discing / Seeding/Topsoil Costs                | 2008 Actual      |
| Seed cost                                      | \$85.28 per acre |
| Hay Mulch Crimped and Tackifier Soil Amendment | \$6.00 per acre  |
| Seed and Mulch                                 | \$685 per acre   |
| Depth of Topsoil                               | 0.5 feet         |

## **SMITH RANCH 2009 Surety Estimate Revision**

The 2009 Smith Ranch Surety Estimate was revised to follow the WDEQ-LQD standardized bond format and, where applicable, the cost estimates provided in WDEQ-LQD Guideline No. 12. At the request of the NRC, PRI has revised the Surety Estimate calculations to include a number of different line item changes. First, a recurring spreadsheet has been added to identify costs that are used throughout the Surety Estimate. In this spreadsheet a column was included to identify sources for individual line item costs. As one would expect a large number of the costs sources are based on operating experience and costs. For a large number of the cost items operating experience or costs is not only the best justifications of a given costs but often the only source of information to generate an input values for the surety estimate.

The first spreadsheet is a summary of costs from the next seven major spreadsheets. Additional topic specific spreadsheets were also added in the estimate to identify line item justification of the values used in the Surety Estimate. Costs input into those major spreadsheets are generally broken down into unit costs in the next spreadsheets, titled "UC-topic". The final sheet titled "Master Cost Basis" has the majority of the input costs that are used throughout the spreadsheets. Input costs are also shown in blue to show they were not taken from elsewhere.

**Cameco Resources**  
**Smith Ranch - Highland Uranium Project**  
**Surety Estimate**

**Smith Ranch Reclamation Cost Estimate, 26 Feb 2009 (Revised 30 Jul 2009)**

|      |                                                                                |       |              |
|------|--------------------------------------------------------------------------------|-------|--------------|
| I.   | Groundwater Restoration (GW REST Sheet)                                        |       | \$21,632,987 |
| II.  | Well Abandonment and Wellfield Reclamation (WA, WF REC and WF-SAT-SURE Sheets) |       | \$10,271,034 |
| III. | Equipment and Building Costs (EQUIP, BLDGS Sheets)                             |       | \$3,477,564  |
| IV.  | Miscellaneous Site Reclamation (MISC REC Sheet)                                |       | \$2,191,683  |
|      | Subtotal Reclamation Cost                                                      |       | \$37,573,267 |
|      | Contingency                                                                    | 15%   | \$5,635,990  |
|      |                                                                                | TOTAL | \$43,209,257 |

**Cameco Resources**  
**Smith Ranch - Highland Uranium Project**  
**Surety Estimate**

| Ground Water Restoration                                                 |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
|--------------------------------------------------------------------------|-----------------------|----------------|--------------|---------------------|----------------|---------------|----------------|----------------|--------------|--------------|--------------|-------------|----------|----------------|
|                                                                          | Mine Unit-1           | Mine Unit-2    | Mine Unit-3  | Mine Unit-4/4A/4Ext | Mine Unit-15   | Mine Unit-15A | Mine Unit K    | Mine Unit 9    | Mine Unit 10 | Mine Unit 27 | Mine Unit 21 | Mine Unit 7 |          |                |
| <b>I. Ground Water Sweep Costs</b>                                       |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| Estimated PV's                                                           | 1                     | 1              | 1            | 1                   | 1              | 1             | 1              | 1              | 1            | 0            | 0            | MWs only    | 0        |                |
| Total Kgals for GWS                                                      | 62837                 | 110785         | 64548        | 119216              | 137426         | 52669         | 84209          | 136376         | 0            | 0            | 0            | 0           | 0        | 768066         |
| Bleed to Deep Disposal Well (%)                                          | 100                   | 100            | 100          | 100                 | 100            | 100           | 100            | 100            | 100          | 100          | 100          | 100         | 100      |                |
| Groundwater Sweep Unit Cost (\$/Kgal)                                    | \$3.41                | \$3.41         | \$3.41       | \$3.41              | \$3.41         | \$3.41        | \$3.41         | \$3.41         | \$3.41       | \$3.41       | \$3.41       | \$3.41      | \$3.41   |                |
| Subtotal Ground Water Sweep Costs per Wellfield                          | \$213,981.22          | \$377,260.36   | \$219,807.75 | \$405,970.76        | \$467,981.97   | \$179,355.74  | \$286,760.10   | \$464,406.36   | \$0.00       | \$0.00       | \$0.00       | \$0.00      | \$0.00   | \$2,615,524.26 |
| <b>Total Ground Water Sweep Costs</b>                                    | <b>\$2,615,524.26</b> |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| <b>II. Reverse Osmosis Costs</b>                                         |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| Estimated PV's                                                           | 8                     | 8              | 8            | 8                   | 8              | 8             | 8              | 8              | 8            | 0            | 0            | 0           | 0        |                |
| Total Kgals for RO                                                       | 502696                | 886280         | 516384       | 953728              | 1099408        | 421352        | 673672         | 1091008        | 0            | 0            | 0            | 0           | 0        | 6144528        |
| Bleed to Deep Disposal Well (%)                                          | 25                    | 25             | 25           | 25                  | 25             | 25            | 25             | 25             | 25           | 25           | 25           | 25          | 25       |                |
| Reverse Osmosis Unit Cost (\$/Kgal)                                      | \$1.56                | \$1.56         | \$1.56       | \$1.56              | \$1.56         | \$1.56        | \$1.56         | \$1.56         | \$1.56       | \$1.56       | \$1.56       | \$1.56      | \$1.56   | \$1.20         |
| Subtotal Reverse Osmosis Costs per Wellfield                             | \$782,572.00          | \$1,379,716.39 | \$803,880.79 | \$1,484,716.06      | \$1,711,503.40 | \$655,539.73  | \$1,048,738.89 | \$1,698,426.70 | \$0.00       | \$0.00       | \$0.00       | \$0.00      | \$0.00   | \$9,565,493.96 |
| <b>Total Reverse Osmosis Costs</b>                                       | <b>\$9,565,493.96</b> |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| <b>III. Bioremediation Costs (information only, data being compiled)</b> |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| Estimated PV's                                                           | 0                     | 0              | 0            | 0                   | 0              | 0             | 0              | 0              | 0            | 0            | 0            | 0           | 0        |                |
| Total Kgals for Bioremediation                                           | 0                     | 0              | 0            | 0                   | 0              | 0             | 0              | 0              | 0            | 0            | 0            | 0           | 0        | 0              |
| Bleed to Deep Disposal Well (%)                                          | 25                    | 25             | 25           | 25                  | 25             | 25            | 25             | 25             | 25           | 25           | 25           | 25          | 25       |                |
| Chemical Reductant Unit Cost (\$/Kgal)                                   | \$1.69                | \$1.69         | \$1.69       | \$1.69              | \$1.69         | \$1.69        | \$1.69         | \$1.69         | \$1.69       | \$1.69       | \$1.69       | \$1.69      | \$1.69   | \$1.69         |
| Subtotal Bioremediation Costs per Wellfield                              | \$0.00                | \$0.00         | \$0.00       | \$0.00              | \$0.00         | \$0.00        | \$0.00         | \$0.00         | \$0.00       | \$0.00       | \$0.00       | \$0.00      | \$0.00   | \$0.00         |
| <b>Total Bioremediation Costs</b>                                        | <b>\$0.00</b>         |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| <b>IV. MIT Costs</b>                                                     |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| MIT Costs per Well                                                       | \$293.33              | \$293.33       | \$293.33     | \$293.33            | \$293.33       | \$293.33      | \$293.33       | \$293.33       | \$293.33     | \$293.33     | \$293.33     | \$293.33    | \$293.33 |                |
| Restoration period, Excluding Bioremediation (months)                    | 38.25                 | 67.45          | 39.29        | 72.59               | 83.67          | 32.07         | 51.27          | 83.03          | 0.00         | 0.00         | 0.00         | 0.00        | 0.00     |                |
| Number of Wells MIT'd for Life of Mine Unit                              | 72                    | 264            | 134          | 427                 | 646            | 201           | 251            | 490            | 0            | 0            | 0            | 0           | 0        |                |
| Subtotal MIT Mine Unit                                                   | \$21,131.73           | \$77,492.80    | \$39,186.40  | \$125,276.80        | \$189,393.60   | \$58,954.13   | \$73,694.13    | \$143,698.13   | \$0.00       | \$0.00       | \$0.00       | \$0.00      | \$0.00   | \$728,827.73   |
| 5-year MIT Costs for Disposal Wells                                      | \$5,907.53            |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| Number of DDWs                                                           | 4                     |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| Number of MITs per DDW                                                   | 2                     |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| <b>Total MIT Costs</b>                                                   | <b>\$776,087.97</b>   |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| <b>V. Monitoring and Sampling Costs</b>                                  |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| Guideline 8 analysis =                                                   | \$333.00 analysis     |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| 6 parameter contract laboratory analysis =                               | \$30.00 analysis      |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| Total monitor wells                                                      | 47                    | 53             | 44           | 90                  | 102            | 57            | 61             | 103            | 70           | 76           | 0            | 46          | 557      |                |
| Groundwater sweep duration (months)                                      | 9.56                  | 16.86          | 9.82         | 18.15               | 20.92          | 8.02          | 12.82          | 20.76          | 0.00         | 0.00         | 0.00         | 0.00        | 116.91   |                |
| Reverse Osmosis duration (months)                                        | 28.69                 | 50.59          | 29.47        | 54.44               | 62.75          | 24.05         | 38.45          | 62.27          | 0.00         | 0.00         | 0.00         | 0.00        | 350.71   |                |
| Bioremediation (months) information only, data being compiled            | 0.00                  | 0.00           | 0.00         | 0.00                | 0.00           | 0.00          | 0.00           | 0.00           | 0.00         | 0.00         | 0.00         | 0.00        | 0.00     |                |
| Stabilization duration (months)                                          | 12                    | 12             | 12           | 12                  | 12             | 12            | 12             | 12             | 12           | 12           | 12           | 12          | 12       |                |
| <b>A. Monitor Well Sampling</b>                                          |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| 1. Well Sampling prior to restoration start                              |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| # of Wells                                                               | 47                    | 53             | 44           | 90                  | 102            | 57            | 61             | 103            | 70           | 76           | 0            | 46          |          |                |
| \$/sample                                                                | \$333.00              | \$333.00       | \$333.00     | \$333.00            | \$333.00       | \$333.00      | \$333.00       | \$333.00       | \$333.00     | \$333.00     | \$333.00     | \$333.00    |          |                |
| 2. Groundwater Sweep Sampling (quarterly)                                |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| # of Wells                                                               | 47                    | 53             | 44           | 90                  | 102            | 57            | 61             | 103            | 70           | 76           | 0            | 46          |          |                |
| Total # samples                                                          | 157                   | 301            | 147          | 570                 | 714            | 171           | 265            | 721            | 0            | 0            | 0            | 0           | 3046     |                |
| \$/sample                                                                | \$30.00               | \$30.00        | \$30.00      | \$30.00             | \$30.00        | \$30.00       | \$30.00        | \$30.00        | \$30.00      | \$30.00      | \$30.00      | \$30.00     |          |                |
| 3. RO Sampling (quarterly)                                               |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| # of Wells                                                               | 47                    | 53             | 44           | 90                  | 102            | 57            | 61             | 103            | 70           | 76           | 0            | 46          |          |                |
| Total # samples                                                          | 455                   | 901            | 426          | 1620                | 2142           | 456           | 773            | 2129           | 0            | 0            | 0            | 0           | 8902     |                |
| \$/sample                                                                | \$30.00               | \$30.00        | \$30.00      | \$30.00             | \$30.00        | \$30.00       | \$30.00        | \$30.00        | \$30.00      | \$30.00      | \$30.00      | \$30.00     |          |                |
| 4. Stabilization Sampling (Guideline 8, quarterly)                       |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |
| # of Wells                                                               | 12                    | 12             | 12           | 12                  | 12             | 12            | 12             | 12             | 12           | 12           | 12           | 12          |          |                |
| Total # samples                                                          | 85                    | 155            | 120          | 150                 | 305            | 170           | 170            | 280            | 150          | 180          | 0            | 230         | 2295     |                |
| \$/sample                                                                | \$333.00              | \$333.00       | \$333.00     | \$333.00            | \$333.00       | \$333.00      | \$333.00       | \$333.00       | \$333.00     | \$333.00     | \$333.00     | \$333.00    |          |                |
| 5. Stabilization Sampling (6 parameter 8-monthly)                        |                       |                |              |                     |                |               |                |                |              |              |              |             |          |                |

Cameco Resources  
Smith Ranch - Highland Uranium Project  
Surety Estimate

| Ground Water Restoration                             |                        |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
|------------------------------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|---------------------|---------------|---------------------|------------------------|
|                                                      | Mine Unit-1            | Mine Unit-2           | Mine Unit-3           | Mine Unit-4/4A/4Ext   | Mine Unit-15          | Mine Unit-15A         | Mine Unit K           | Mine Unit 9           | Mine Unit 10        | Mine Unit 27        | Mine Unit 21  | Mine Unit 7         |                        |
| # of Wells                                           | 17                     | 31                    | 24                    | 30                    | 61                    | 34                    | 34                    | 56                    | 70                  | 76                  | 0             | 46                  |                        |
| Total # samples                                      | 282                    | 318                   | 264                   | 340                   | 612                   | 342                   | 366                   | 618                   | 420                 | 456                 | 0             | 276                 | 4494                   |
| \$/sample                                            | \$30.00                | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00             | \$30.00             | \$30.00       | \$30.00             |                        |
| 6. Monitor Well Sampling                             |                        |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| # of Wells                                           | 47                     | 53                    | 44                    | 90                    | 102                   | 57                    | 61                    | 103                   | 70                  | 76                  | 0             | 46                  |                        |
| \$/sample                                            | \$30.00                | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00               | \$30.00             | \$30.00             | \$30.00       | \$30.00             |                        |
| Total # samples (2.2/mo for entire period)           | 5196                   | 9264                  | 4965                  | 16749                 | 21468                 | 5526                  | 8491                  | 21534                 | 1848                | 2006                | 0             | 1214                | 98261                  |
| 17. Other Laboratory Costs                           |                        |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| Radon, urinalysis, etc "                             | \$912.00/month         |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| Total for Other Laboratory Costs                     | \$34,884.00            | \$61,514.40           | \$35,832.48           | \$66,202.08           | \$76,307.04           | \$29,247.84           | \$46,758.24           | \$75,723.36           | \$0.00              | \$0.00              | \$0.00        | \$0.00              |                        |
| Subtotal Monitoring and Sampling Costs per Mine Unit | \$261,540.00           | \$454,298.40          | \$264,504.48          | \$730,492.08          | \$959,918.04          | \$299,688.84          | \$420,531.24          | \$953,322.36          | \$207,900.00        | \$225,708.00        | \$0.00        | \$136,608.00        |                        |
| Total Monitoring and Sampling Costs                  | \$4,914,511.44         |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| VI. Supervisory Labor Cost (for all Reclamation)     |                        |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| Environmental Manager/RSO Support                    | \$7,527.40             |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| Restoration Manager Support                          | \$5,885.63/month       |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| HP Technician support                                | \$4,255.11/month       |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| Active restoration period (months)                   | 38.25                  | 67.45                 | 39.29                 | 72.59                 | 83.67                 | 32.07                 | 51.27                 | 83.03                 | 0.00                | 0.00                | 0.00          | 0.00                |                        |
| Stabilization period (months)                        | 12                     | 12                    | 12                    | 12                    | 12                    | 12                    | 12                    | 12                    | 12                  | 12                  | 12            | 12                  |                        |
| Total Restoration Period                             | 12.5 years             |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| Manager support during restoration                   | \$2,011,955.40         |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| HP Technician support during restoration             | \$638,266.20           |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| Total Supervisory Labor Costs                        | \$2,650,221.60         |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| <b>TOTAL RESTORATION COST PER WELLFIELD</b>          | <b>\$1,279,224.95</b>  | <b>\$2,288,767.95</b> | <b>\$1,327,379.42</b> | <b>\$2,746,455.70</b> | <b>\$3,328,797.01</b> | <b>\$1,193,938.44</b> | <b>\$1,829,724.36</b> | <b>\$3,259,853.55</b> | <b>\$207,900.00</b> | <b>\$225,708.00</b> | <b>\$0.00</b> | <b>\$136,608.00</b> | <b>\$12,909,845.95</b> |
| VII. Capital Costs (for all Reclamation)             | \$3,808,630.00         |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |
| <b>TOTAL GROUND WATER RESTORATION COSTS</b>          | <b>\$21,632,987.39</b> |                       |                       |                       |                       |                       |                       |                       |                     |                     |               |                     |                        |

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| Well Abandonment                                            |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
|-------------------------------------------------------------|----------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|-------------|--|----------------|--|
|                                                             | Mine Unit-1    | Mine Unit-2  | Mine Unit-3  | Mine Unit-4  | Mine Unit-15 | Mine Unit-15A | Mine Unit K  | Mine Unit 9  | Mine Unit 10 | Mine Unit 27 | Mine Unit 21 | Mine Unit 7 |  | Totals         |  |
| I. Well Abandonment (Wellfields)                            |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| # of Production Wells                                       | 101            | 140          | 148          | 216          | 268          | 204           | 195          | 238          | 0            | 60           | 0            | 0           |  | 1570           |  |
| # of Injection Wells                                        | 113            | 215          | 204          | 353          | 463          | 376           | 294          | 354          | 0            | 100          | 0            | 0           |  | 2492           |  |
| # of Monitoring Wells                                       | 47             | 53           | 44           | 90           | 102          | 57            | 61           | 103          | 70           | 76           | 0            | 46          |  | 749            |  |
| Total Number of Wells                                       | 261            | 428          | 396          | 659          | 833          | 637           | 550          | 695          | 70           | 236          | 0            | 46          |  | 4811           |  |
| Average Diameter of Casing (inches)                         | 5              | 5            | 5            | 5            | 5            | 5             | 5            | 5            | 5            | 5            | 5            | 5           |  | 5              |  |
| Production, Injection and Perimeter Well Average Depth (ft) | 500            | 850          | 750          | 850          | 450          | 500           | 950          | 950          | 950          | 800          | 600          | 800         |  | 725            |  |
| Total Mine Unit Well Depth (ft)                             | 130500         | 363800       | 297000       | 560150       | 374850       | 318500        | 522500       | 660250       | 66500        | 188800       | 0            | 36800       |  | 3227550        |  |
| Well Abandonment Unit Cost (\$/ft of well)                  | \$1.45         | \$1.45       | \$1.45       | \$1.45       | \$1.45       | \$1.45        | \$1.45       | \$1.45       | \$1.45       | \$1.45       | \$1.45       | \$1.45      |  | \$1.45         |  |
| Subtotal Abandonment Cost per Wellfield                     | \$189,225.00   | \$527,510.00 | \$430,650.00 | \$812,217.50 | \$543,532.50 | \$461,825.00  | \$757,625.00 | \$957,362.50 | \$96,425.00  | \$273,760.00 | \$0.00       | \$53,360.00 |  | \$5,103,492.50 |  |
| II. Downhole Pump Disposal                                  |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Number of Downhole Pumps                                    | 1570           |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Pump Disposal Volume(ft3)                                   | 0.5            |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Total Pump Disposal Volume(vd3)                             | 29.1           |              |              |              |              |               |              |              |              |              |              |             |  | 29.1           |  |
| Downhole Pump Disposal Rate (\$/vd3)                        | \$338.00       |              |              |              |              |               |              |              |              |              |              |             |  | 338.00         |  |
| Subtotal Downhole Pump Disposal                             | \$9,835.80     |              |              |              |              |               |              |              |              |              |              |             |  | \$9,835.80     |  |
| III. Removal of Contaminated Soil Around Wells              |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| # of Production and Injection Wells                         | 4062           |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Cost per well (\$/well)                                     | 193.85         |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Subtotal Removal of Soil Around Wells                       | \$787,418.70   |              |              |              |              |               |              |              |              |              |              |             |  | \$787,418.70   |  |
| IV. Delineation Hole Abandonment                            |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| # of Projected Holes                                        | 0              | 0            | 0            | 0            | 0            | 0             | 62           | 30           | 270          | 0            | 60           | 0           |  |                |  |
| Average Depth (ft)                                          | 500            | 850          | 750          | 850          | 450          | 500           | 950          | 950          | 950          | 800          | 600          | 800         |  |                |  |
| Hole Abandonment Unit Cost (\$/ft of hole)                  | \$1.45         | \$1.45       | \$1.45       | \$1.45       | \$1.45       | \$1.45        | \$1.45       | \$1.45       | \$1.45       | \$1.45       | \$1.45       | \$1.45      |  | \$1.45         |  |
| Site Reclamation (\$/site)                                  | \$31.00        | \$31.00      | \$31.00      | \$31.00      | \$31.00      | \$31.00       | \$31.00      | \$31.00      | \$31.00      | \$31.00      | \$31.00      | \$31.00     |  | \$31.00        |  |
| Subtotal Hole Abandonment per Wellfield                     | \$0.00         | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00        | \$87,327.00  | \$42,255.00  | \$380,295.00 | \$0.00       | \$54,060.00  | \$0.00      |  |                |  |
| V. Waste Disposal Well Abandonment                          | DDW #1         | DDW #2       | DDW SW       | DDW Reynolds |              |               |              |              |              |              |              |             |  |                |  |
| A. Well Sealing                                             |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Sealing cost per foot (in UIC permit)                       | \$11.91        | \$11.91      | \$11.91      | \$11.91      |              |               |              |              |              |              |              |             |  |                |  |
| Subtotal Plugging Costs per Well (in UIC permit)            | \$120,291      | \$120,291    | \$97,662     | \$100,044    |              |               |              |              |              |              |              |             |  |                |  |
| B. Pump Dismantling and Decontamination                     |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Number of Persons                                           | 2              | 2            | 2            | 2            |              |               |              |              |              |              |              |             |  |                |  |
| Number of Pumps                                             | 2              | 2            | 2            | 2            |              |               |              |              |              |              |              |             |  |                |  |
| Pumps/Day                                                   | 0.5            | 0.5          | 0.5          | 0.5          |              |               |              |              |              |              |              |             |  |                |  |
| Number of Days                                              | 4              | 4            | 4            | 4            |              |               |              |              |              |              |              |             |  |                |  |
| \$/Day/Person                                               | \$210          | \$210        | \$210        | \$210        |              |               |              |              |              |              |              |             |  |                |  |
| Subtotal Dismantling and Decon Costs per Well               | \$1,684        | \$1,684      | \$1,684      | \$1,684      |              |               |              |              |              |              |              |             |  |                |  |
| C. Tubing String Disposal (NRC-Licensed Facility)           |                |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Length of Tubing String (ft)                                | 10,100         | 10,100       | 8,200        | 8,400        |              |               |              |              |              |              |              |             |  |                |  |
| Diameter of Tubing String (inches)                          | 2.875          | 2.875        | 2.875        | 2.875        |              |               |              |              |              |              |              |             |  |                |  |
| Volume of Tubing String (ft3)                               | 455            | 455          | 369          | 378          |              |               |              |              |              |              |              |             |  |                |  |
| Transportation and Disposal Unit Cost (\$/ft3)              | \$12.52        | \$12.52      | \$12.52      | \$12.52      |              |               |              |              |              |              |              |             |  |                |  |
| Subtotal Tubing String Disposal Costs per Well              | \$5,697        | \$5,697      | \$4,623      | \$4,738      |              |               |              |              |              |              |              |             |  |                |  |
| Subtotal Waste Disposal Well Abandonment Costs per Well     | \$127,671.97   | \$127,671.97 | \$103,970.97 | \$106,465.97 |              |               |              |              |              |              |              |             |  |                |  |
| Total Waste Disposal Well Abandonment Costs                 | \$465,780.87   |              |              |              |              |               |              |              |              |              |              |             |  |                |  |
| Total Wellfield Abandonment Costs                           | \$6,930,466.32 |              |              |              |              |               |              |              |              |              |              |             |  |                |  |

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| Wellfield Buildings and Equipment Removal and Disposal                   |                                                                              | Mine Unit-1      | Mine Unit-2 | Mine Unit-3 | Mine Unit-4/4A/4Ext | Mine Unit-15 | Mine Unit-15A | Mine Unit-K | Mine Unit-9 | Mine Unit-10 | Mine Unit-27 | Mine Unit-21 | Mine Unit-7 |        |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------|-------------|-------------|---------------------|--------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|--------|
| <b>I. Wellfield Piping</b>                                               |                                                                              |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Number of Header Houses per Wellfield                                        | 6                | 5           | 8           | 11                  | 13           | 4             | 5           | 13          | 0            | 3            | 0            | 0           |        |
|                                                                          | Approximate Length of Piping per Header House (ft) (ave. 46 wells per with 3 | 13800            | 13800       | 13800       | 13800               | 13800        | 13800         | 13800       | 13800       | 13800        | 13800        | 13800        | 13800       |        |
|                                                                          | Approximate Total Length of Piping (ft)                                      | 82800            | 69000       | 110400      | 151800              | 179400       | 8000          | 69000       | 179400      | 0            | 41400        | 0            | 0           | 891200 |
|                                                                          | <b>A. Removal and Loading</b>                                                |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Wellfield Piping Removal Unit Cost (\$/ft of pipe)                           | \$0.85           | \$0.85      | \$0.85      | \$0.85              | \$0.85       | \$0.85        | \$0.85      | \$0.85      | \$0.85       | \$0.85       | \$0.85       | \$0.85      |        |
|                                                                          | Subtotal Wellfield Piping Removal and Loading Costs                          | \$70,380         | \$58,650    | \$93,840    | \$129,030           | \$152,490    | \$6,800       | \$58,650    | \$152,490   | \$0          | \$35,190     | \$0          | \$0         |        |
|                                                                          | <b>B. Transport and Disposal Costs (NRC-Licensed Facility)</b>               |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Average Diameter of Piping (inches)                                          | 2                | 2           | 2           | 2                   | 2            | 2             | 2           | 2           | 2            | 2            | 2            | 2           |        |
|                                                                          | Chipped Volume Reduction (ft <sup>3</sup> /ft)                               | 0.005            | 0.005       | 0.005       | 0.005               | 0.005        | 0.005         | 0.005       | 0.005       | 0.005        | 0.005        | 0.005        | 0.005       |        |
|                                                                          | Chipped Volume per Wellfield (ft <sup>3</sup> )                              | 414              | 345         | 552         | 759                 | 897          | 40            | 345         | 897         | 0            | 207          | 0            | 0           |        |
|                                                                          | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )               | 455              | 380         | 607         | 835                 | 987          | 44            | 380         | 987         | 0            | 228          | 0            | 0           |        |
|                                                                          | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )                  | \$12.52          | \$12.52     | \$12.52     | \$12.52             | \$12.52      | \$12.52       | \$12.52     | \$12.52     | \$12.52      | \$12.52      | \$12.52      | \$12.52     |        |
|                                                                          | Subtotal Wellfield Piping Transport and Disposal Costs                       | \$5,696          | \$4,757     | \$7,599     | \$10,453            | \$12,356     | \$551         | \$4,757     | \$12,356    | \$0          | \$2,854      | \$0          | \$0         |        |
|                                                                          | Wellfield Piping Costs per Wellfield                                         | \$76,076         | \$63,407    | \$101,439   | \$139,483           | \$164,846    | \$7,351       | \$63,407    | \$164,846   | \$0          | \$38,044     | \$0          | \$0         |        |
|                                                                          | <b>Total Wellfield Piping Costs</b>                                          | <b>\$818,899</b> |             |             |                     |              |               |             |             |              |              |              |             |        |
| <b>II. Well Pumps and Tubing</b>                                         |                                                                              |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Assumptions:                                                                 |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | 60% of production/injection wells contain pumps and/or tubing                |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | <b>A. Pump and Tubing Transportation and Disposal</b>                        |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Number of Production Wells                                                   | 101              | 140         | 148         | 216                 | 268          | 204           | 195         | 238         | 0            | 60           | 0            | 0           |        |
|                                                                          | Number of Injection Wells                                                    | 113              | 235         | 204         | 353                 | 463          | 376           | 294         | 354         | 0            | 100          | 0            | 0           |        |
|                                                                          | <b>1. Pump Volume</b>                                                        |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Number of Production Wells with Pumps                                        | 61               | 84          | 89          | 130                 | 161          | 122           | 117         | 143         | 0            | 36           | 0            | 0           |        |
|                                                                          | Average Pump Volume (ft <sup>3</sup> )                                       | 1                | 1           | 1           | 1                   | 1            | 1             | 1           | 1           | 1            | 1            | 1            | 1           |        |
|                                                                          | Pump Volume per Wellfield (ft <sup>3</sup> )                                 | 61               | 84          | 89          | 130                 | 161          | 122           | 117         | 143         | 0            | 36           | 0            | 0           |        |
|                                                                          | <b>2. Tubing Volume</b>                                                      |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Assumptions:                                                                 |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Average tubing length/wellfield based on average well depth minus 25 ft      |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Number of Production Wells with Tubing                                       | 61               | 84          | 89          | 130                 | 161          | 122           | 117         | 143         | 0            | 36           | 0            | 0           |        |
|                                                                          | Number of Injection Wells with Tubing                                        | 68               | 141         | 122         | 212                 | 278          | 226           | 176         | 212         | 0            | 60           | 0            | 0           |        |
|                                                                          | Average Tubing Length per Well (ft)                                          | 475              | 825         | 725         | 825                 | 425          | 475           | 925         | 925         | 925          | 775          | 575          | 775         |        |
|                                                                          | Tubing Length per Wellfield (ft)                                             | 61275            | 185625      | 152975      | 282150              | 186575       | 165300        | 271025      | 328375      | 0            | 74400        | 0            | 0           |        |
|                                                                          | Diameter of Production Well Fiberglass Tubing (inches)                       | 2                | 2           | 2           | 2                   | 2            | 2             | 2           | 2           | 2            | 2            | 2            | 2           |        |
|                                                                          | Diameter of Injection Well HDPE Tubing (inches)                              | 1.25             | 1.25        | 1.25        | 1.25                | 1.25         | 1.25          | 1.25        | 1.25        | 1.25         | 1.25         | 1.25         | 1.25        |        |
|                                                                          | Chipped Volume Reduction (ft <sup>3</sup> /ft)                               | 0.005            | 0.005       | 0.005       | 0.005               | 0.005        | 0.005         | 0.005       | 0.005       | 0.005        | 0.005        | 0.005        | 0.005       |        |
|                                                                          | Chipped Volume per Wellfield (ft <sup>3</sup> )                              | 306              | 928         | 765         | 1411                | 933          | 827           | 1355        | 1642        | 0            | 372          | 0            | 0           |        |
|                                                                          | Volume of Pump and Tubing (ft <sup>3</sup> )                                 | 367              | 1012        | 854         | 1541                | 1094         | 949           | 1472        | 1785        | 0            | 408          | 0            | 0           |        |
|                                                                          | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )               | 404              | 1113        | 939         | 1695                | 1203         | 1044          | 1619        | 1964        | 0            | 449          | 0            | 0           |        |
|                                                                          | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )                  | \$12.52          | \$12.52     | \$12.52     | \$12.52             | \$12.52      | \$12.52       | \$12.52     | \$12.52     | \$12.52      | \$12.52      | \$12.52      | \$12.52     |        |
|                                                                          | Pump and Tubing Transport and Disposal Costs Per Wellfield                   | \$5,057          | \$13,933    | \$11,755    | \$21,219            | \$15,060     | \$13,069      | \$20,267    | \$24,586    | \$0          | \$5,621      | \$0          | \$0         |        |
|                                                                          | <b>Total Pump and Tubing Disposal Costs</b>                                  | <b>\$130,567</b> |             |             |                     |              |               |             |             |              |              |              |             |        |
| <b>III. Buried Trunkline (Includes \$ for fiber optic cable removal)</b> |                                                                              |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Assumptions:                                                                 |                  |             |             |                     |              |               |             |             |              |              |              |             |        |
|                                                                          | Length of Trunkline Trench (ft)                                              | 5075             | 7600        | 4790        | 12565               | 19090        | 0             | 0           | 7000        | 0            | 0            | 0            | 0           | 47030  |
|                                                                          | <b>A. Removal and Loading</b>                                                |                  |             |             |                     |              |               |             |             |              |              |              |             |        |

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| Wellfield Buildings and Equipment Removal and Disposal         |                                                | Mine Unit-1 | Mine Unit-2 | Mine Unit-3 | Mine Unit-4/4A/4Ext | Mine Unit-15 | Mine Unit-15A | Mine Unit-K | Mine Unit-9 | Mine Unit-10 | Mine Unit-27 | Mine Unit-21 | Mine Unit-7 |       |
|----------------------------------------------------------------|------------------------------------------------|-------------|-------------|-------------|---------------------|--------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|-------|
| Main Pipeline Removal Unit Cost (\$/ft of trench)              |                                                | \$0.85      | \$0.85      | \$0.85      | \$0.85              | \$0.85       | \$0.85        | \$0.85      | \$0.85      | \$0.85       | \$0.85       | \$0.85       | \$0.85      |       |
| Subtotal Trunkline Removal and Loading Costs                   |                                                | \$4,314     | \$6,460     | \$4,072     | \$10,680            | \$8,500      | \$0           | \$0         | \$5,950     | \$0          | \$0          | \$0          | \$0         |       |
| B. Transport and Disposal Costs (NRC-Licensed Facility)        |                                                |             |             |             |                     |              |               |             |             |              |              |              |             |       |
| 1.                                                             | 1" Carbon Steel Trunkline                      |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 0           | 0           | 0           | 0                   | 10000        | 0             | 0           | 0           | 0            | 0            | 0            | 0           | 10000 |
|                                                                | Volume (ft <sup>3</sup> )                      | 0           | 0           | 0           | 0                   | 218          | 0             | 0           | 0           | 0            | 0            | 0            | 0           | 0     |
| 2.                                                             | 1" HDPE Trunkline                              |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 0           | 0           | 0           | 0                   | 10000        | 0             | 0           | 0           | 0            | 0            | 0            | 0           | 10000 |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.005       | 0.005       | 0.005       | 0.005               | 0.005        | 0.005         | 0.005       | 0.005       | 0.005        | 0.005        | 0.005        | 0.005       |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 0           | 0           | 0           | 0                   | 50           | 0             | 0           | 0           | 0            | 0            | 0            | 0           |       |
| 3.                                                             | 3" HDPE Trunkline                              |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 5075        | 7600        | 4790        | 12565               | 0            | 0             | 0           | 0           | 0            | 0            | 0            | 0           | 30030 |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.022       | 0.022       | 0.022       | 0.022               | 0.022        | 0.022         | 0.022       | 0.022       | 0.022        | 0.022        | 0.022        | 0.022       |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 112         | 167         | 105         | 276                 | 0            | 0             | 0           | 0           | 0            | 0            | 0            | 0           |       |
| 4.                                                             | 6" HDPE Trunkline                              |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 2410        | 19000       | 4820        | 7320                | 20000        | 320           | 2288        | 12736       | 0            | 0            | 0            | 0           | 59894 |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.078       | 0.078       | 0.078       | 0.078               | 0.078        | 0.078         | 0.078       | 0.078       | 0.078        | 0.078        | 0.078        | 0.078       |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 188         | 780         | 376         | 571                 | 1560         | 25            | 178         | 993         | 0            | 0            | 0            | 0           |       |
| 5.                                                             | 8" HDPE Trunkline                              |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 4100        | 0           | 1100        | 4240                | 0            | 4266          | 1104        | 2926        | 0            | 0            | 0            | 0           | 17736 |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.15        | 0.15        | 0.15        | 0.15                | 0.15         | 0.15          | 0.15        | 0.15        | 0.15         | 0.15         | 0.15         | 0.15        |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 615         | 0           | 165         | 636                 | 0            | 640           | 166         | 439         | 0            | 0            | 0            | 0           |       |
| 6.                                                             | 10" HDPE Trunkline                             |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 0           | 5200        | 3600        | 4680                | 0            | 1400          | 0           | 1910        | 0            | 0            | 0            | 0           | 16850 |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.277       | 0.277       | 0.277       | 0.277               | 0.277        | 0.277         | 0.277       | 0.277       | 0.277        | 0.277        | 0.277        | 0.277       |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 0           | 1440        | 1014        | 1296                | 0            | 388           | 0           | 529         | 0            | 0            | 0            | 0           |       |
| 7.                                                             | 12" HDPE Trunkline                             |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 1460        | 0           | 0           | 5270                | 0            | 1080          | 0           | 4278        | 0            | 0            | 0            | 0           | 12088 |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.293       | 0.293       | 0.293       | 0.293               | 0.293        | 0.293         | 0.293       | 0.293       | 0.293        | 0.293        | 0.293        | 0.293       |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 427.78      | 0           | 0           | 1544                | 0            | 316           | 0           | 1253        | 0            | 0            | 0            | 0           |       |
| 8.                                                             | 14" HDPE Trunkline                             |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 740         | 0           | 0           | 0                   | 0            | 3120          | 0           | 1800        | 0            | 0            | 0            | 0           | 5660  |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.359       | 0.359       | 0.359       | 0.359               | 0.359        | 0.359         | 0.359       | 0.359       | 0.359        | 0.359        | 0.359        | 0.359       |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 266         | 0           | 0           | 0                   | 0            | 1120          | 0           | 646         | 0            | 0            | 0            | 0           |       |
| 9.                                                             | 16" HDPE Trunkline                             |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 1440        | 0           | 0           | 3620                | 0            | 0             | 2210        | 1110        | 0            | 0            | 0            | 0           | 8380  |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.4         | 0.4         | 0.4         | 0.4                 | 0.4          | 0.4           | 0.4         | 0.4         | 0.4          | 0.4          | 0.4          | 0.4         |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 576         | 0           | 0           | 1448                | 0            | 0             | 884         | 444         | 0            | 0            | 0            | 0           |       |
| 10.                                                            | 18" HDPE Trunkline                             |             |             |             |                     |              |               |             |             |              |              |              |             |       |
|                                                                | Piping Length (ft)                             | 0           | 0           | 0           | 0                   | 0            | 0             | 2086        | 3630        | 0            | 0            | 0            | 0           | 5716  |
|                                                                | Chipped Volume Reduction (ft <sup>3</sup> /ft) | 0.62        | 0.62        | 0.62        | 0.62                | 0.62         | 0.62          | 0.62        | 0.62        | 0.62         | 0.62         | 0.62         | 0.62        |       |
|                                                                | Chipped Volume (ft <sup>3</sup> )              | 0           | 0           | 0           | 0                   | 0            | 0             | 1293        | 2251        | 0            | 0            | 0            | 0           |       |
| Total Trunkline Chipped Volume (ft <sup>3</sup> )              |                                                | 2184.07     | 2387.6      | 1660.16     | 5771.86             | 1560         | 2489.18       | 2521.384    | 6555.632    | 0            | 0            | 0            | 0           |       |
| Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> ) |                                                | 2402        | 2626        | 1826        | 6349                | 1716         | 2738          | 2774        | 7211        | 0            | 0            | 0            | 0           |       |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )    |                                                | \$12.52     | \$12.52     | \$12.52     | \$12.52             | \$12.52      | \$12.52       | \$12.52     | \$12.52     | \$12.52      | \$12.52      | \$12.52      | \$12.52     |       |
| Subtotal Trunkline Transport and Disposal Costs                |                                                | \$30,069    | \$32,874    | \$22,859    | \$79,480            | \$21,482     | \$34,276      | \$34,726    | \$90,271    | \$0          | \$0          | \$0          | \$0         |       |

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| Wellfield Buildings and Equipment Removal and Disposal                     |  | Mine Unit-1      | Mine Unit-2      | Mine Unit-3      | Mine Unit-4/4A/4Ext | Mine Unit-15     | Mine Unit-15A   | Mine Unit-K      | Mine Unit-9      | Mine Unit-10 | Mine Unit-27    | Mine Unit-21 | Mine Unit-7 |
|----------------------------------------------------------------------------|--|------------------|------------------|------------------|---------------------|------------------|-----------------|------------------|------------------|--------------|-----------------|--------------|-------------|
| Trunkline Decommissioning Costs per Wellfield                              |  | \$34,383         | \$39,334         | \$26,931         | \$90,160            | \$29,982         | \$34,276        | \$34,726         | \$96,221         | \$0          | \$0             | \$0          | \$0         |
| <b>Total Trunkline Decommissioning Costs</b>                               |  | <b>\$386,013</b> |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| <b>IV. Well Houses</b>                                                     |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Total Quantity                                                             |  | 315              | 408              | 396              | 619                 | 392              | 244             | 401              | 715              | 0            | 0               | 0            | 0           |
| Average Well House Volume (ft <sup>3</sup> )                               |  | 1.86             | 1.86             | 1.86             | 1.86                | 1.86             | 1.86            | 1.86             | 1.86             | 1.86         | 1.86            | 1.86         | 1.86        |
| <b>A. Removal</b>                                                          |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Total Volume (ft <sup>3</sup> )                                            |  | 585.9            | 758.88           | 736.56           | 1151.34             | 729.12           | 453.84          | 745.86           | 1329.9           | 0            | 0               | 0            | 0           |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>3</sup> ) |  | \$0.258          | \$0.258          | \$0.258          | \$0.258             | \$0.258          | \$0.258         | \$0.258          | \$0.258          | \$0.258      | \$0.258         | \$0.258      | \$0.258     |
| Subtotal Well House Demolition Costs                                       |  | \$151            | \$196            | \$190            | \$297               | \$188            | \$117           | \$192            | \$343            | \$0          | \$0             | \$0          | \$0         |
| <b>B. Survey and Decontamination</b>                                       |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Cost per Well House                                                        |  | 4.57             | 4.57             | 4.57             | 4.57                | 4.57             | 4.57            | 4.57             | 4.57             | 4.57         | 4.57            | 4.57         | 4.57        |
| Subtotal Survey and Decontamination Costs                                  |  | \$1,440          | \$1,865          | \$1,811          | \$2,830             | \$1,792          | \$1,116         | \$1,833          | \$3,269          | \$0          | \$0             | \$0          | \$0         |
| <b>C. Disposal at NRC licensed Facility</b>                                |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Total Volume (cy)                                                          |  | 22               | 28               | 27               | 43                  | 27               | 17              | 28               | 49               | 0            | 0               | 0            | 0           |
| Volume for Disposal Assuming 10% Void Space (cy)                           |  | 24               | 31               | 30               | 47                  | 30               | 18              | 30               | 54               | 0            | 0               | 0            | 0           |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )                |  | \$12.52          | \$12.52          | \$12.52          | \$12.52             | \$12.52          | \$12.52         | \$12.52          | \$12.52          | \$12.52      | \$12.52         | \$12.52      | \$12.52     |
| Subtotal NRC Licensed Facility Disposal Costs                              |  | \$300            | \$388            | \$376            | \$588               | \$376            | \$225           | \$376            | \$676            | \$0          | \$0             | \$0          | \$0         |
| Well House Removal and Disposal Costs per Wellfield                        |  | \$1,891          | \$2,449          | \$2,377          | \$3,715             | \$2,356          | \$1,458         | \$2,401          | \$4,288          | \$0          | \$0             | \$0          | \$0         |
| <b>Total Well House Removal and Disposal Costs</b>                         |  | <b>\$20,935</b>  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| <b>V. Header Houses (Includes Booster Stations)</b>                        |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Total Quantity                                                             |  | 6                | 5                | 8                | 11                  | 13               | 4               | 5                | 13               | 0            | 3               | 0            | 0           |
| Average Header House Volume (ft <sup>3</sup> )                             |  | 800              | 800              | 800              | 800                 | 800              | 800             | 800              | 800              | 800          | 800             | 800          | 800         |
| <b>A. Removal</b>                                                          |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Total Volume (ft <sup>3</sup> )                                            |  | 4800             | 4000             | 6400             | 8800                | 10400            | 3200            | 4000             | 10400            | 0            | 2400            | 0            | 0           |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>3</sup> ) |  | \$0.236          | \$0.236          | \$0.236          | \$0.236             | \$0.236          | \$0.236         | \$0.236          | \$0.236          | \$0.236      | \$0.236         | \$0.236      | \$0.236     |
| Subtotal Building Demolition Costs                                         |  | \$1,134          | \$945            | \$1,512          | \$2,079             | \$2,457          | \$756           | \$945            | \$2,457          | \$0          | \$567           | \$0          | \$0         |
| <b>B. Survey and Decontamination</b>                                       |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Cost per Header House                                                      |  | \$368            | \$368            | \$368            | \$368               | \$368            | \$368           | \$368            | \$368            | \$368        | \$368           | \$368        | \$368       |
| Subtotal Survey and Decontamination Costs                                  |  | \$2,210          | \$1,842          | \$2,947          | \$4,052             | \$4,789          | \$1,473         | \$1,842          | \$4,789          | \$0          | \$1,105         | \$0          | \$0         |
| <b>C. Disposal</b>                                                         |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Total Volume (cy)                                                          |  | 178              | 148              | 237              | 326                 | 385              | 119             | 148              | 385              | 0            | 89              | 0            | 0           |
| Volume for Disposal Assuming 10% Void Space (cy)                           |  | 196              | 163              | 261              | 359                 | 424              | 130             | 163              | 424              | 0            | 98              | 0            | 0           |
| Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)                 |  | \$7.56           | \$7.56           | \$7.56           | \$7.56              | \$7.56           | \$7.56          | \$7.56           | \$7.56           | \$7.56       | \$7.56          | \$7.56       | \$7.56      |
| Subtotal On-Site Disposal Costs                                            |  | \$1,482          | \$1,232          | \$1,973          | \$2,714             | \$3,206          | \$983           | \$1,232          | \$3,206          | \$0          | \$741           | \$0          | \$0         |
| Headerhouse Soil Removal Volume ft3 (assumes 10'Wx20'Lx2.5'D)              |  | 500              | 500              | 500              | 500                 | 500              | 500             | 500              | 500              | 500          | 500             | 500          | 500         |
| Disposal Unit Cost (\$/ft3)                                                |  | \$5.22           | \$5.22           | \$5.22           | \$5.22              | \$5.22           | \$5.22          | \$5.22           | \$5.22           | \$5.22       | \$5.22          | \$5.22       | \$5.22      |
| Subtotal Off-Site Disposal Costs                                           |  | \$15,667         | \$13,056         | \$20,889         | \$28,722            | \$33,944         | \$10,444        | \$13,056         | \$33,944         | \$0          | \$7,833         | \$0          | \$0         |
| Header House Removal and Disposal Costs per Wellfield                      |  | \$20,493         | \$17,075         | \$27,321         | \$37,567            | \$44,396         | \$13,656        | \$17,075         | \$44,396         | \$0          | \$10,246        | \$0          | \$0         |
| <b>Total Header House Removal and Disposal Costs</b>                       |  | <b>\$232,226</b> |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| <b>TOTAL REMOVAL AND DISPOSAL COSTS PER WELLFIELD</b>                      |  | <b>\$137,900</b> | <b>\$136,198</b> | <b>\$169,823</b> | <b>\$292,144</b>    | <b>\$256,640</b> | <b>\$69,810</b> | <b>\$137,876</b> | <b>\$334,337</b> | <b>\$0</b>   | <b>\$53,911</b> | <b>\$0</b>   | <b>\$0</b>  |
| <b>VI. Vehicle Operation Costs</b>                                         |  |                  |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Number of Pickup Trucks/Pulling Units (Gas)                                |  | 10               |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |
| Unit Cost in \$/hr (WDEQ Guideline No.12, Table D-1)                       |  | \$29.28          |                  |                  |                     |                  |                 |                  |                  |              |                 |              |             |

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| Wellfield Buildings and Equipment Removal and Disposal | Mine Unit-1        | Mine Unit-2 | Mine Unit-3 | Mine Unit-4/4A/4Ext | Mine Unit-15 | Mine Unit-15A | Mine Unit-K | Mine Unit-9 | Mine Unit-10 | Mine Unit-27 | Mine Unit-21 | Mine Unit-7 |  |
|--------------------------------------------------------|--------------------|-------------|-------------|---------------------|--------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|--|
| Average Operating Time (Hrs/Year)                      | 1,700              |             |             |                     |              |               |             |             |              |              |              |             |  |
| Total Number of Years (Average)                        | 5                  |             |             |                     |              |               |             |             |              |              |              |             |  |
| Total Vehicle Operation Costs                          | \$1,464,000        |             |             |                     |              |               |             |             |              |              |              |             |  |
| <b>TOTAL WELLFIELD BUILDINGS AND EQUIPMENT REMOVAL</b> | <b>\$3,052,640</b> |             |             |                     |              |               |             |             |              |              |              |             |  |

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| Wellfield and Satellite Surface Reclamation |                                                               | Mine Unit-1 | Mine Unit-2 | Mine Unit-3 | Mine Unit-3 2nd Comp. | Mine Unit-4 | Mine Unit-4A | Mine Unit-15 | Mine Unit-15A | Mine Unit-K | Mine Unit-9 |  |
|---------------------------------------------|---------------------------------------------------------------|-------------|-------------|-------------|-----------------------|-------------|--------------|--------------|---------------|-------------|-------------|--|
| I.                                          | Wellfield Pattern Area, and Road Reclamation                  |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Area (acres)                                                  | 25.1        | 25.2        | 27.7        | 27.6                  | 20.4        | 25.6         | 22.7         | 19.6          | 22.6        | 20.0        |  |
|                                             | Disking/Seeding Unit Cost (\$/acre)                           | \$685       | \$685       | \$685       | \$685                 | \$685       | \$685        | \$685        | \$685         | \$685       | \$685       |  |
|                                             | Subtotal Pattern Area and Road Reclamation Costs              | \$17,886    | \$35,772    | \$25,849    | \$11,650              | \$20,833    | \$19,599     | \$39,746     | \$11,650      | \$15,076    | \$39,746    |  |
|                                             | Total Wellfield Area Reclamation Costs                        | \$237,807   |             |             |                       |             |              |              |               |             |             |  |
| II.                                         | Laydown area reclamation                                      |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Area of Disturbance (acres)                                   | 1           | 1           | 1           | 1                     | 1           | 1            | 1            | 1             | 1           | 1           |  |
|                                             | Average Depth of Stripped Topsoil (ft)                        | 0.02        | 0.02        | 0.02        | 0.02                  | 0.02        | 0.02         | 0.02         | 0.02          | 0.02        | 0.02        |  |
|                                             | Surface Grade: Level Ground                                   |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Average Length of Topsoil Haul (ft)                           | 5.43        | 5.43        | 5.43        | 5.43                  | 5.43        | 5.43         | 5.43         | 5.43          | 5.43        | 5.43        |  |
|                                             | A. Ripping Overburden with Digger                             |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)  | \$1,153     | \$1,153     | \$1,153     | \$1,153               | \$1,153     | \$1,153      | \$1,153      | \$1,153       | \$1,153     | \$1,153     |  |
|                                             | Subtotal Ripping Costs                                        | \$1,153     | \$1,153     | \$1,153     | \$1,153               | \$1,153     | \$1,153      | \$1,153      | \$1,153       | \$1,153     | \$1,153     |  |
|                                             | B. Topsoil Application with Scraper                           |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Volume of Topsoil Removed (cy)                                | 1,081       | 1,081       | 1,081       | 1,081                 | 1,081       | 1,081        | 1,081        | 1,081         | 1,081       | 1,081       |  |
|                                             | Application Unit Cost per WDEQ Guideline No.12, App.C (\$/cy) | \$1.09      | \$1.09      | \$1.09      | \$1.09                | \$1.09      | \$1.09       | \$1.09       | \$1.09        | \$1.09      | \$1.09      |  |
|                                             | Subtotal Topsoil Application Costs                            | \$1,182     | \$1,182     | \$1,182     | \$1,182               | \$1,182     | \$1,182      | \$1,182      | \$1,182       | \$1,182     | \$1,182     |  |
|                                             | C. Disking and Seeding                                        |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Disking/Seeding Unit Cost (\$/acre)                           | \$685       | \$685       | \$685       | \$685                 | \$685       | \$685        | \$685        | \$685         | \$685       | \$685       |  |
|                                             | Subtotal Disking/Seeding Costs                                | \$685       | \$685       | \$685       | \$685                 | \$685       | \$685        | \$685        | \$685         | \$685       | \$685       |  |
|                                             | Subtotal Surface Reclamation Costs per WF laydown area        | \$3,020     | \$3,020     | \$3,020     | \$3,020               | \$3,020     | \$3,020      | \$3,020      | \$3,020       | \$3,020     | \$3,020     |  |
|                                             | Total Wellfield Laydown Area Reclamation Costs                | \$30,200    |             |             |                       |             |              |              |               |             |             |  |
|                                             | SUBTOTAL SURFACE RECLAMATION COSTS PER WELLFIELD              | \$20,966    | \$38,792    | \$28,869    | \$14,670              | \$23,853    | \$22,619     | \$42,766     | \$14,670      | \$18,096    | \$42,766    |  |
| III.                                        | Satellite Area Reclamation                                    | SR-1        | SR-2        |             |                       |             |              |              |               |             |             |  |
|                                             | Assumptions:                                                  |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Area of Disturbance (acres)                                   | 2.05        | 1           |             |                       |             |              |              |               |             |             |  |
|                                             | Average Depth of Stripped Topsoil (ft)                        | 1           | 1           |             |                       |             |              |              |               |             |             |  |
|                                             | Surface Grade: Level Ground                                   |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Average Length of Topsoil Haul (ft)                           | 15.49       | 7.53        |             |                       |             |              |              |               |             |             |  |
|                                             | A. Ripping Overburden with Digger                             |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)  | \$1,152.92  | \$1,152.92  |             |                       |             |              |              |               |             |             |  |
|                                             | Subtotal Ripping Costs                                        | \$2,363     | \$3,459     |             |                       |             |              |              |               |             |             |  |
|                                             | H. Topsoil Application with Scraper                           |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Volume of Topsoil Removed (cy)                                | 3307        | 4840        |             |                       |             |              |              |               |             |             |  |
|                                             | Application Unit Cost per WDEQ Guideline No.12, App.C (\$/cy) | \$1.31      | \$1.31      |             |                       |             |              |              |               |             |             |  |
|                                             | Subtotal Topsoil Application Costs                            | \$4,318     | \$6,320     |             |                       |             |              |              |               |             |             |  |
|                                             | C. Disking and Seeding                                        |             |             |             |                       |             |              |              |               |             |             |  |
|                                             | Disking/Seeding Unit Cost (\$/acre)                           | \$685       | \$685       |             |                       |             |              |              |               |             |             |  |
|                                             | Subtotal Disking/Seeding Costs                                | \$1,405     | \$2,056     |             |                       |             |              |              |               |             |             |  |
|                                             | Subtotal Surface Reclamation Costs per Satellite              | \$8,086     | \$11,835    |             |                       |             |              |              |               |             |             |  |
|                                             | Total Satellite Building Area Reclamation Costs               | \$19,921    |             |             |                       |             |              |              |               |             |             |  |
|                                             | Total                                                         | \$287,928   |             |             |                       |             |              |              |               |             |             |  |

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| Equipment Removal and Loading       |                                                          | CPP Ion Ex. Plant | Central Plant | Dryer Building | Satellite SR-1 | Pilot ISL | Water Pumphouse | Bone Yard | Satellite SR-2 | Sat. Reynolds |
|-------------------------------------|----------------------------------------------------------|-------------------|---------------|----------------|----------------|-----------|-----------------|-----------|----------------|---------------|
| <b>I. Removal and Loading Costs</b> |                                                          |                   |               |                |                |           |                 |           |                |               |
| <b>A. Tankage</b>                   |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | Number of Tanks                                          | 13                | 51            | 0              | 10             | 15        | 3               | 30        | 10             | 10            |
|                                     | Volume of Tank Construction Material (ft <sup>3</sup> )  | 835               | 1340          | 300            | 397            | 260       | 164             | 1648      | 397            | 397           |
| <b>1. Labor</b>                     |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | Number of Persons                                        | 3                 | 3             | 3              | 3              | 3         | 3               | 3         | 3              | 3             |
|                                     | Ft <sup>3</sup> /Day                                     | 25                | 25            | 25             | 25             | 25        | 25              | 25        | 25             | 25            |
|                                     | Number of Days                                           | 33                | 54            | 12             | 16             | 10        | 7               | 66        | 16             | 16            |
|                                     | \$/Day/Person                                            | \$136             | \$136         | \$136          | \$136          | \$136     | \$136           | \$136     | \$136          | \$136         |
|                                     | Subtotal Labor Costs                                     | \$13,679          | \$21,941      | \$4,912        | \$6,550        | \$4,257   | \$2,685         | \$26,984  | \$6,550        | \$6,550       |
| <b>2. Equipment</b>                 |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | Number of Days                                           | 33                | 54            | 12             | 16             | 10        | 7               | 66        | 16             | 16            |
|                                     | \$/Day                                                   | \$960             | \$960         | \$960          | \$960          | \$960     | \$960           | \$960     | \$960          | \$960         |
|                                     | Subtotal Equipment Costs                                 | \$32,079          | \$51,456      | \$11,520       | \$15,360       | \$9,984   | \$6,298         | \$63,283  | \$15,360       | \$15,360      |
|                                     | Subtotal Tankage Removal and Loading Costs               | \$45,758          | \$73,397      | \$16,432       | \$21,910       | \$14,241  | \$8,983         | \$90,267  | \$21,910       | \$21,910      |
| <b>B. PVC/Steel Pipe</b>            |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | PVC Pipe Footage                                         | 2800              | 5000          | 0              | 4000           | 1500      | 0               | 0         | 4000           | 4000          |
|                                     | Average PVC Pipe Diameter (inches)                       | 3                 | 3             | 3              | 3              | 3         | 3               | 0         | 3              | 3             |
|                                     | Shredded PVC Pipe Volume Reduction (ft <sup>3</sup> /ft) | 0.016             | 0.016         | 0.016          | 0.016          | 0.016     | 0.016           | 0         | 0.016          | 0.016         |
|                                     | Volume of Shredded PVC Pipe (ft <sup>3</sup> )           | 45                | 80            | 0              | 64             | 24        | 0               | 0         | 64             | 64            |
|                                     | Steel Pipe Footage                                       | 1100              | 0             | 0              | 0              | 0         | 80              | 0         | 0              | 0             |
|                                     | Average Steel Pipe Diameter (inches)                     | 6                 | 0             | 0              | 0              | 0         | 8               | 0         | 0              | 0             |
|                                     | Volume (ft <sup>3</sup> )                                | 216               | 0             | 0              | 0              | 0         | 30              | 0         | 0              | 0             |
| <b>Labor</b>                        |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | Number of Persons                                        | 2                 | 2             | 2              | 2              | 2         | 2               | 2         | 2              | 2             |
|                                     | Ft/Day                                                   | 300               | 300           | 300            | 300            | 300       | 300             | 300       | 300            | 300           |
|                                     | Number of Days                                           | 13                | 17            | 0              | 13             | 5         | 0               | 0         | 13             | 13            |
|                                     | \$/Day/Person                                            | \$136             | \$136         | \$136          | \$136          | \$136     | \$136           | \$136     | \$136          | \$136         |
|                                     | Subtotal PVC/Steel Pipe Labor Costs                      | \$3,548           | \$4,548       | \$0            | \$3,639        | \$1,364   | \$73            | \$0       | \$3,548        | \$3,548       |
|                                     | Subtotal PVC/Steel Pipe Removal and Loading Costs        | \$3,548           | \$4,548       | \$0            | \$3,639        | \$1,364   | \$73            | \$0       | \$3,548        | \$3,548       |
| <b>C. Pumps</b>                     |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | Number of Pumps                                          | 21                | 43            | 0              | 13             | 12        | 2               | 0         | 13             | 13            |
|                                     | Average Volume (ft <sup>3</sup> /pump)                   | 4.93              | 4.93          | 0              | 4.93           | 4.93      | 4.93            | 4.93      | 4.93           | 4.93          |
|                                     | Volume of Pumps (ft <sup>3</sup> )                       | 103.53            | 211.99        | 0              | 64.09          | 59.16     | 9.86            | 0         | 64.09          | 64.09         |
| <b>1. Labor</b>                     |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | Number of Persons                                        | 1                 | 1             | 1              | 1              | 1         | 1               | 0         | 1              | 1             |
|                                     | Pumps/Day                                                | 2                 | 2             | 2              | 2              | 2         | 2               | 2         | 2              | 2             |
|                                     | Number of Days                                           | 10.5              | 21.5          | 0              | 7              | 6         | 1               | 0         | 7              | 7             |
|                                     | \$/Day/Person                                            | \$136             | \$136         | \$136          | \$136          | \$136     | \$136           | \$136     | \$136          | \$136         |
|                                     | Subtotal Labor Costs                                     | \$1,433           | \$2,934       | \$0            | \$955          | \$819     | \$136           | \$0       | \$955          | \$955         |
|                                     | Subtotal Pump Removal and Loading Costs                  | \$1,433           | \$2,934       | \$0            | \$955          | \$819     | \$136           | \$0       | \$955          | \$955         |
| <b>D. Dryer</b>                     |                                                          |                   |               |                |                |           |                 |           |                |               |
|                                     | Dryer Volume (ft <sup>3</sup> )                          |                   |               | 200            |                |           |                 |           |                |               |
| <b>1. Labor</b>                     |                                                          |                   |               |                |                |           |                 |           |                |               |

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| Equipment Removal and Loading                                        |                                                                      | CPP Ion Ex. Plant | Central Plant | Dryer Building | Satellite SR-1 | Pilot ISL | Water Pumphouse | Bone Yard | Satellite SR-2 | Sat. Reynolds |
|----------------------------------------------------------------------|----------------------------------------------------------------------|-------------------|---------------|----------------|----------------|-----------|-----------------|-----------|----------------|---------------|
|                                                                      | Number of Persons                                                    | 0                 | 0             | 5              | 0              | 0         | 0               | 0         | 0              | 0             |
|                                                                      | Ft <sup>3</sup> /Day                                                 | 0                 | 0             | 175            | 0              | 0         | 0               | 0         | 0              | 0             |
|                                                                      | Number of Days                                                       | 0                 | 0             | 2              | 0              | 0         | 0               | 0         | 0              | 0             |
|                                                                      | \$/Day/Person                                                        | \$136             | \$136         | \$136          | \$136          | \$136     | \$136           | \$136     | \$136          | \$136         |
|                                                                      | Total Labor Cost                                                     | \$0               | \$0           | \$1,364        | \$0            | \$0       | \$0             | \$0       | \$0            | \$0           |
|                                                                      | Subtotal Dryer Dismantling and Loading Cost                          | \$0               | \$0           | \$1,364        | \$0            | \$0       | \$0             | \$0       | \$0            | \$0           |
| E.                                                                   | RO Units                                                             |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Number of RO Units                                                   |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Current                                                              | 0                 | 0             | 0              | 0              | 0         | 0               | 0         | 0              | 0             |
|                                                                      | Planned                                                              | 0                 | 0             | 0              | 1              | 1         | 0               | 0         | 0              | 0             |
|                                                                      | Average Volume (ft <sup>3</sup> /RO Unit)                            | 250               | 250           | 250            | 250            | 250       | 250             | 250       | 250            | 250           |
|                                                                      | Labor                                                                |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Number of Persons                                                    | 2                 | 2             | 2              | 2              | 2         | 2               | 2         | 2              | 2             |
|                                                                      | Number of Days                                                       | 0                 | 0             | 0              | 1              | 1         | 0               | 0         | 0              | 0             |
|                                                                      | \$/Day/Person                                                        | \$136.45          | \$136.45      | \$136.45       | \$136.45       | \$136.45  | \$136.45        | \$136.45  | \$136.45       | \$136.45      |
|                                                                      | Subtotal RO Unit Removal and Loading Costs                           | \$0.00            | \$0.00        | \$0.00         | \$272.90       | \$272.90  | \$0.00          | \$0.00    | \$0.00         | \$0.00        |
|                                                                      | Subtotal Equipment Removal and Loading Costs per Facility            | \$50,739          | \$80,879      | \$17,796       | \$26,777       | \$16,697  | \$9,192         | \$90,267  | \$26,413       | \$26,413      |
|                                                                      | <b>Total Equipment Removal and Loading Costs</b>                     | <b>\$345,173</b>  |               |                |                |           |                 |           |                |               |
| <b>II. Transportation and Disposal Costs (NRC-Licensed Facility)</b> |                                                                      |                   |               |                |                |           |                 |           |                |               |
| A.                                                                   | Tankage                                                              |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Volume of Tank Construction Material (ft <sup>3</sup> )              | 835               | 1340          | 300            | 397            | 260       | 164             | 1648      | 397            | 397           |
|                                                                      | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       | 919               | 1474          | 330            | 436            | 286       | 180             | 1813      | 436            | 436           |
|                                                                      | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52           | \$12.33       | \$141.00       | \$141.00       | \$141.00  | \$141.00        | \$141.00  | \$141.00       | \$141.00      |
|                                                                      | Subtotal Tankage Transportation and Disposal Costs                   | \$11,505          | \$18,174      | \$46,530       | \$61,476       | \$40,326  | \$25,380        | \$255,633 | \$61,476       | \$61,476      |
| B.                                                                   | PVC / Steel Pipe                                                     |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Volume of Shredded PVC Pipe (ft <sup>3</sup> )                       | 44.8              | 80            | 0              | 64             | 24        | 0               | 0         | 64             | 64            |
|                                                                      | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       | 49                | 88            | 0              | 70             | 26        | 0               | 0         | 70             | 70            |
|                                                                      | Volume of Steel Pipe (ft <sup>3</sup> )                              | 296               | 0             | 0              | 0              | 0         | 30              | 30        | 0              | 0             |
|                                                                      | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       | 326               | 0             | 0              | 0              | 0         | 33              | 33        | 0              | 0             |
|                                                                      | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52           | \$12.52       | \$12.52        | \$12.52        | \$12.52   | \$12.52         | \$12.52   | \$12.52        | \$12.52       |
|                                                                      | Subtotal PVC Pipe Transportation and Disposal Costs                  | \$4,694           | \$1,102       | \$0            | \$876          | \$325     | \$413           | \$413     | \$876          | \$876         |
| C.                                                                   | Pumps                                                                |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Volume of Pumps (ft <sup>3</sup> )                                   | 103.53            | 211.99        | 0              | 64             | 59        | 9.86            | 0         | 64             | 64            |
|                                                                      | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )       | 114               | 233           | 0              | 70             | 65        | 11              | 0         | 70             | 70            |
|                                                                      | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52           | \$12.52       | \$12.52        | \$12.52        | \$12.52   | \$12.52         | \$12.52   | \$12.52        | \$12.52       |
|                                                                      | Subtotal Pump Transportation and Disposal Costs                      | \$1,427           | \$2,917       | \$0            | \$876          | \$814     | \$138           | \$0       | \$876          | \$876         |
| D.                                                                   | Dryer                                                                |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Dryer Volume (ft <sup>3</sup> )                                      | 0                 | 0             | 400            | 0              | 0         | 0               | 0         | 0              | 0             |
|                                                                      | Volume for Disposal Assuming Dryer Remains Intact (ft <sup>3</sup> ) | 0                 | 0             | 400            | 0              | 0         | 0               | 0         | 0              | 0             |
|                                                                      | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )          | \$12.52           | \$12.52       | \$12.52        | \$12.52        | \$12.52   | \$12.52         | \$12.52   | \$12.52        | \$12.52       |
|                                                                      | Total Dryer Transportation and Disposal Costs                        | \$0               | \$0           | \$5,007        | \$0            | \$0       | \$0             | \$0       | \$0            | \$0           |
| E.                                                                   | RO Units                                                             |                   |               |                |                |           |                 |           |                |               |
|                                                                      | Volume of RO Units (ft <sup>3</sup> )                                | 0                 | 0             | 0              | 250            | 250       | 0               | 0         | 0              | 0             |
|                                                                      | Volume for Disposal Assuming 50% Volume Reduction (ft <sup>3</sup> ) | 0                 | 0             | 0              | 125            | 125       | 0               | 0         | 0              | 0             |

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| Equipment Removal and Loading |                                                                   | CPP Ion Ex. Plant | Central Plant            | Dryer Building | Satellite SR-1 | Pilot ISL | Water Pumphouse | Bone Yard | Satellite SR-2 | Sat. Reynolds |
|-------------------------------|-------------------------------------------------------------------|-------------------|--------------------------|----------------|----------------|-----------|-----------------|-----------|----------------|---------------|
|                               | Transportation and Disposal Unit Costs                            | \$12.52           | \$12.52                  | \$12.52        | \$12.52        | \$12.52   | \$12.52         | \$12.52   | \$12.52        | \$12.52       |
|                               | Subtotal RO Unit Transportation and Disposal Costs                | \$0               | \$0                      | \$0            | \$1,565        | \$1,565   | \$0             | \$0       | \$0            | \$0           |
|                               | Subtotal Equipment Transportation and Disposal Costs per Facility | \$17,626          | \$22,193                 | \$51,537       | \$64,793       | \$43,030  | \$25,931        | \$256,046 | \$63,228       | \$63,228      |
|                               | Total Equipment Transportation and Disposal Costs                 | \$607,612         |                          |                |                |           |                 |           |                |               |
| III.                          | Health and Safety Costs                                           |                   |                          |                |                |           |                 |           |                |               |
|                               | Radiation Safety Equipment                                        |                   |                          |                |                |           |                 |           |                |               |
|                               | Total Health and Safety Costs                                     |                   |                          |                |                |           |                 |           |                |               |
|                               |                                                                   |                   | Accounted for on GW REST |                |                |           |                 |           |                |               |
|                               | SUBTOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS PER FACILITY        | \$68,365          | \$103,072                | \$69,333       | \$91,570       | \$59,726  | \$35,123        | \$346,313 | \$89,641       | \$89,641      |
|                               | TOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS                        | \$952,785         |                          |                |                |           |                 |           |                |               |

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| Building Demolition and Disposal         |                                                                            | CPP Ion Ex.<br>Plant | Central<br>Plant | Dryer<br>Building | Office<br>Building | Storage<br>Building | Water Treat<br>Plant | Shop<br>Building | Pilot ISL<br>Building | Fresh Water<br>Pumphouse |
|------------------------------------------|----------------------------------------------------------------------------|----------------------|------------------|-------------------|--------------------|---------------------|----------------------|------------------|-----------------------|--------------------------|
| <b>I. Decontamination Costs</b>          |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
| <b>A. Wall Decontamination</b>           |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Area to be Decontaminated (ft <sup>2</sup> )                               | 10,810               | 15,900           | 0                 | 0                  | 1,152               | 576                  | 4,826            | 12,000                | 0                        |
|                                          | HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       | \$0.71               | \$0.71           | \$0.71            | \$0.71             | \$0.71              | \$0.71               | \$0.71           | \$0.71                | \$0.71                   |
|                                          | Subtotal Wall Decontamination Costs                                        | \$7,717              | \$11,350         | \$0               | \$0                | \$822               | \$411                | \$3,445          | \$8,566               | \$0                      |
| <b>B. Concrete Floor Decontamination</b> |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Area to be Decontaminated (ft <sup>2</sup> )                               | 11,550               | 16,500           | 3,500             | 0                  | 1,678               | 839                  | 7,028            | 17,477                | 0                        |
|                                          | HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       | \$0.56               | \$0.56           | \$0.56            | \$0.56             | \$0.56              | \$0.56               | \$0.56           | \$0.56                | \$0.56                   |
|                                          | Subtotal Concrete Floor Decontamination Costs                              | \$6,519              | \$9,313          | \$1,975           | \$0                | \$947               | \$474                | \$3,967          | \$9,864               | \$0                      |
| <b>C. Deep Well Injection Costs</b>      |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Total Kgals for Injection (1 gal used per ft <sup>2</sup> )                | 22.36                | 32.4             | 3.5               | 0                  | 2.83                | 1.415                | 11.854           | 29.477                | 0                        |
|                                          | Deep Well Injection Unit Cost (\$/Kgals)                                   | \$1.19               | \$1.19           | \$1.19            | \$1.19             | \$1.19              | \$1.19               | \$1.19           | \$1.19                | \$1.19                   |
|                                          | Subtotal Deep Well Injection Costs                                         | \$27                 | \$39             | \$4               | \$0                | \$3                 | \$2                  | \$14             | \$35                  | \$0                      |
|                                          | Subtotal Decontamination Costs per Building                                | \$14,263             | \$20,702         | \$1,979           | \$0                | \$1,772             | \$887                | \$7,426          | \$18,465              | \$0                      |
|                                          | <b>Total Decontamination Costs</b>                                         | <b>\$84,539</b>      |                  |                   |                    |                     |                      |                  |                       |                          |
| <b>II. Demolition Costs</b>              |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
| <b>A. Building</b>                       |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Volume of Building (ft <sup>3</sup> )                                      | 346,500              | 577,500          | 122,500           | 120,000            | 16,780              | 8,390                | 175,700          | 314,586               | 8,320                    |
|                                          | Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>3</sup> ) | \$0.26               | \$0.26           | \$0.26            | \$0.26             | \$0.26              | \$0.26               | \$0.26           | \$0.26                | \$0.26                   |
|                                          | Subtotal Building Demolition Costs                                         | \$89,314             | \$148,856        | \$31,576          | \$30,931           | \$4,325             | \$2,163              | \$45,288         | \$81,088              | \$2,145                  |
| <b>B. Concrete Floor</b>                 |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Area of Concrete Floor (ft <sup>2</sup> )                                  | 11,550               | 16,500           | 3,500             | 8000               | 1678                | 839                  | 7028             | 17477                 | 832                      |
|                                          | Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>2</sup> ) | \$5.08               | \$5.08           | \$5.08            | \$5.08             | \$5.08              | \$5.08               | \$5.08           | \$5.08                | \$5.08                   |
|                                          | Subtotal Concrete Floor Demolition Costs                                   | \$58,674             | \$83,820         | \$17,780          | \$40,640           | \$8,524             | \$4,262              | \$35,702         | \$88,784              | \$4,227                  |
| <b>C. Concrete Footing</b>               |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Length of Concrete Footing (ft)                                            | 430                  | 514              | 237               | 360                | 164                 | 116                  | 335              | 529                   | 115                      |
|                                          | Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft)               | \$18.10              | \$18.10          | \$18.10           | \$18.10            | \$18.10             | \$18.10              | \$18.10          | \$18.10               | \$18.10                  |
|                                          | Subtotal Concrete Footing Demolition Costs                                 | \$7,780              | \$9,298          | \$4,283           | \$6,515            | \$2,965             | \$2,097              | \$6,068          | \$9,570               | \$2,081                  |
|                                          | Subtotal Demolition Costs per Building                                     | \$155,768            | \$241,974        | \$53,639          | \$78,086           | \$15,814            | \$8,522              | \$87,058         | \$179,442             | \$8,453                  |
|                                          | <b>Total Demolition Costs</b>                                              | <b>\$1,401,082</b>   |                  |                   |                    |                     |                      |                  |                       |                          |
| <b>III. Disposal Costs</b>               |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
| <b>A. Building</b>                       |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Volume of Building (cy)                                                    | 12833                | 21389            | 4537              | 4444               | 621                 | 311                  | 6507             | 11651                 | 308                      |
|                                          | On-Site                                                                    |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Percentage (%)                                                             | 100                  | 100              | 100               | 100                | 100                 | 100                  | 100              | 100                   | 100                      |
|                                          | Volume for Disposal (cubic yards)                                          | 12833                | 21389            | 4537              | 4444               | 621                 | 311                  | 6507             | 11651                 | 308                      |
|                                          | Disposal Unit Cost (\$/cy)                                                 | \$7.56               | \$7.56           | \$7.56            | \$7.56             | \$7.56              | \$7.56               | \$7.56           | \$7.56                | \$7.56                   |
|                                          | Subtotal On-Site Disposal Costs                                            | \$97,032             | \$161,721        | \$34,304          | \$33,604           | \$4,699             | \$2,349              | \$49,202         | \$88,095              | \$2,330                  |
| <b>B. Concrete Floor</b>                 |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Area of Concrete Floor (ft <sup>2</sup> )                                  | 11550                | 16500            | 3500              | 8000               | 1678                | 839                  | 7028             | 17477                 | 1186                     |
|                                          | Average Thickness of Concrete Floor (ft)                                   | 0.75                 | 0.75             | 0.75              | 0.75               | 0.75                | 0.75                 | 0.75             | 0.75                  | 0.75                     |
|                                          | Volume of Concrete Floor (ft <sup>3</sup> )                                | 8662.5               | 12375            | 2625              | 6000               | 1258.5              | 629.25               | 5271             | 13107.75              | 889.5                    |
|                                          | Volume of Concrete Floor (cy)                                              | 321                  | 458              | 97                | 222                | 47                  | 23                   | 195              | 485                   | 33                       |
| <b>I. On-Site</b>                        |                                                                            |                      |                  |                   |                    |                     |                      |                  |                       |                          |
|                                          | Percentage (%)                                                             | 75                   | 75               | 75                | 100                | 100                 | 100                  | 100              | 75                    | 100                      |
|                                          | Volume for Disposal (cy)                                                   | 241                  | 344              | 73                | 222                | 47                  | 23                   | 195              | 364                   | 33                       |
|                                          | Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)                 | \$7.56               | \$7.56           | \$7.56            | \$7.56             | \$7.56              | \$7.56               | \$7.56           | \$7.56                | \$7.56                   |
|                                          | Subtotal On-Site Disposal Costs                                            | \$1,819              | \$2,599          | \$551             | \$1,680            | \$352               | \$176                | \$1,476          | \$2,753               | \$249                    |

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|                                                 |                                                             |                          |  | CPP Ion Ex. | Central   | Dryer    | Office    | Storage  | Water Treat | Shop      | Pilot ISL | Fresh Water |
|-------------------------------------------------|-------------------------------------------------------------|--------------------------|--|-------------|-----------|----------|-----------|----------|-------------|-----------|-----------|-------------|
|                                                 |                                                             |                          |  | Plant       | Plant     | Building | Building  | Building | Plant       | Building  | Building  | Pumphouse   |
| <b>Building Demolition and Disposal</b>         |                                                             |                          |  |             |           |          |           |          |             |           |           |             |
|                                                 | 2. NRC-Licensed Facility                                    |                          |  |             |           |          |           |          |             |           |           |             |
|                                                 | Percentage (%)                                              |                          |  | 25          | 25        | 25       | 0         | 0        | 0           | 0         | 25        | 0           |
|                                                 | Volume for Disposal (ft <sup>3</sup> )                      |                          |  | 2166        | 3094      | 656      | 0         | 0        | 0           | 0         | 3277      | 0           |
|                                                 | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> ) |                          |  | \$5.22      | \$5.22    | \$5.22   | \$5.22    | \$5.22   | \$5.22      | \$5.22    | \$5.22    | \$5.22      |
|                                                 | Subtotal NRC-Licensed Facility Disposal Costs               |                          |  | \$11,309    | \$16,156  | \$3,427  | \$0       | \$0      | \$0         | \$0       | \$17,113  | \$0         |
|                                                 | Subtotal Concrete Floor Disposal Costs                      |                          |  | \$13,128    | \$18,755  | \$3,978  | \$1,680   | \$352    | \$176       | \$1,476   | \$19,866  | \$249       |
|                                                 | C. Concrete Footing                                         |                          |  |             |           |          |           |          |             |           |           |             |
|                                                 | Length of Concrete Footing (ft)                             |                          |  | 430         | 514       | 237      | 360       | 164      | 116         | 335       | 529       | 124         |
|                                                 | Average Depth of Concrete Footing (ft)                      |                          |  | 4           | 4         | 4        | 4         | 4        | 4           | 4         | 4         | 4           |
|                                                 | Average Width of Concrete Footing (ft)                      |                          |  | 1           | 1         | 1        | 1         | 1        | 1           | 1         | 1         | 1           |
|                                                 | Volume of Concrete Footing (ft <sup>3</sup> )               |                          |  | 1720        | 2055      | 947      | 1440      | 655      | 463         | 1341      | 2115      | 496         |
|                                                 | Volume of Concrete Footing (cy)                             |                          |  | 64          | 76        | 35       | 53        | 24       | 17          | 50        | 78        | 18          |
|                                                 | Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)  |                          |  | \$7.56      | \$7.56    | \$7.56   | \$7.56    | \$7.56   | \$7.56      | \$7.56    | \$7.56    | \$7.56      |
|                                                 | Subtotal Concrete Footing Disposal Costs                    |                          |  | \$482       | \$576     | \$265    | \$403     | \$184    | \$130       | \$376     | \$592     | \$139       |
|                                                 | Subtotal Disposal Costs per Building                        |                          |  | \$110,642   | \$181,052 | \$38,547 | \$35,687  | \$5,235  | \$2,655     | \$51,054  | \$108,553 | \$2,718     |
|                                                 | Total Disposal Costs                                        |                          |  | \$940,591   |           |          |           |          |             |           |           |             |
|                                                 | IV. Health and Safety Costs                                 | Accounted for on GW REST |  |             |           |          |           |          |             |           |           |             |
| SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS |                                                             |                          |  | \$280,673   | \$443,728 | \$94,165 | \$113,773 | \$22,821 | \$12,064    | \$145,538 | \$306,460 | \$11,171    |
| TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS    |                                                             |                          |  | \$2,426,212 |           |          |           |          |             |           |           |             |

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| Building Demolition and Disposal                                           |  |  |  | DDW<br>Buildings | Satellite<br>SR-1 | Yellowcake<br>Warehouse | Satellite<br>SR-2 |
|----------------------------------------------------------------------------|--|--|--|------------------|-------------------|-------------------------|-------------------|
| <b>I. Decontamination Costs</b>                                            |  |  |  |                  |                   |                         |                   |
| <b>A. Wall Decontamination</b>                                             |  |  |  |                  |                   |                         |                   |
| Area to be Decontaminated (ft <sup>2</sup> )                               |  |  |  | 0                | 0                 | 3100                    | 0                 |
| HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       |  |  |  | \$0.71           | \$0.71            | \$0.71                  | \$0.71            |
| Subtotal Wall Decontamination Costs                                        |  |  |  | \$0              | \$0               | \$2,213                 | \$0               |
| <b>B. Concrete Floor Decontamination</b>                                   |  |  |  |                  |                   |                         |                   |
| Area to be Decontaminated (ft <sup>2</sup> )                               |  |  |  | 0                | 9000              | 2750                    | 9000              |
| HCl Acid Wash, including labor (\$/ft <sup>2</sup> )                       |  |  |  | \$0.56           | \$0.56            | \$0.56                  | \$0.56            |
| Subtotal Concrete Floor Decontamination Costs                              |  |  |  | \$0              | \$5,080           | \$1,552                 | \$5,080           |
| <b>C. Deep Well Injection Costs</b>                                        |  |  |  |                  |                   |                         |                   |
| Total Kgals for Injection (1 gal used per ft2)                             |  |  |  | 0                | 9                 | 5.85                    | 9                 |
| Deep Well Injection Unit Cost (\$/Kgals)                                   |  |  |  | \$1.19           | \$1.19            | \$1.19                  | \$1.19            |
| Subtotal Deep Well Injection Costs                                         |  |  |  | \$0              | \$11              | \$7                     | \$11              |
| Subtotal Decontamination Costs per Building                                |  |  |  | \$0              | \$5,091           | \$3,772                 | \$5,091           |
| <b>Total Decontamination Costs</b>                                         |  |  |  |                  |                   |                         |                   |
| <b>II. Demolition Costs</b>                                                |  |  |  |                  |                   |                         |                   |
| <b>A. Building</b>                                                         |  |  |  |                  |                   |                         |                   |
| Volume of Building (ft <sup>3</sup> )                                      |  |  |  | 660.3            | 402,000           | 55,000                  | 402,000           |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>3</sup> ) |  |  |  | \$0.26           | \$0.26            | \$0.26                  | \$0.26            |
| Subtotal Building Demolition Costs                                         |  |  |  | \$170            | \$103,620         | \$14,177                | \$103,620         |
| <b>B. Concrete Floor</b>                                                   |  |  |  |                  |                   |                         |                   |
| Area of Concrete Floor (ft <sup>2</sup> )                                  |  |  |  | 0                | 13400             | 2750                    | 13400             |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>2</sup> ) |  |  |  | \$5.08           | \$5.08            | \$5.08                  | \$5.08            |
| Subtotal Concrete Floor Demolition Costs                                   |  |  |  | \$0              | \$68,072          | \$13,970                | \$68,072          |
| <b>C. Concrete Footing</b>                                                 |  |  |  |                  |                   |                         |                   |
| Length of Concrete Footing (ft)                                            |  |  |  | 0                | 463               | 210                     | 463               |
| Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft)               |  |  |  | \$18.10          | \$18.10           | \$18.10                 | \$18.10           |
| Subtotal Concrete Footing Demolition Costs                                 |  |  |  | \$0              | \$8,379           | \$3,796                 | \$8,379           |
| Subtotal Demolition Costs per Building                                     |  |  |  | \$170            | \$180,071         | \$31,943                | \$180,071         |
| <b>Total Demolition Costs</b>                                              |  |  |  |                  |                   |                         |                   |
| <b>III. Disposal Costs</b>                                                 |  |  |  |                  |                   |                         |                   |
| <b>A. Building</b>                                                         |  |  |  |                  |                   |                         |                   |
| Volume of Building (cy)                                                    |  |  |  | 24               | 14889             | 2037                    | 14889             |
| On-Site                                                                    |  |  |  |                  |                   |                         |                   |
| Percentage (%)                                                             |  |  |  | 100              | 100               | 100                     | 100               |
| Volume for Disposal (cubic yards)                                          |  |  |  | 24               | 14889             | 2037                    | 14889             |
| Disposal Unit Cost (\$/cy)                                                 |  |  |  | \$7.56           | \$7.56            | \$7.56                  | \$7.56            |
| Subtotal On-Site Disposal Costs                                            |  |  |  | \$185            | \$112,574         | \$15,402                | \$112,574         |
| <b>B. Concrete Floor</b>                                                   |  |  |  |                  |                   |                         |                   |
| Area of Concrete Floor (ft <sup>2</sup> )                                  |  |  |  | 0                | 13400             | 2750                    | 13400             |
| Average Thickness of Concrete Floor (ft)                                   |  |  |  | 0.75             | 0.75              | 0.75                    | 0.75              |
| Volume of Concrete Floor (ft <sup>3</sup> )                                |  |  |  | 0                | 10050             | 2062.5                  | 10050             |
| Volume of Concrete Floor (cy)                                              |  |  |  | 0                | 372               | 76                      | 372               |
| <b>1. On-Site</b>                                                          |  |  |  |                  |                   |                         |                   |
| Percentage (%)                                                             |  |  |  | 0                | 75                | 75                      | 75                |
| Volume for Disposal (cy)                                                   |  |  |  | 0                | 279               | 57                      | 279               |
| Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)                 |  |  |  | \$7.56           | \$7.56            | \$7.56                  | \$7.56            |
| Subtotal On-Site Disposal Costs                                            |  |  |  | \$0              | \$2,111           | \$433                   | \$2,111           |

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| Building Demolition and Disposal                |                                                             |  |  | DDW<br>Buildings | Satellite<br>SR-1 | Yellowcake<br>Warehouse | Satellite<br>SR-2 |
|-------------------------------------------------|-------------------------------------------------------------|--|--|------------------|-------------------|-------------------------|-------------------|
| 2. INRC-Licensed Facility                       |                                                             |  |  |                  |                   |                         |                   |
|                                                 | Percentage (%)                                              |  |  | 0                | 25                | 25                      | 25                |
|                                                 | Volume for Disposal (ft <sup>3</sup> )                      |  |  | 0                | 2513              | 516                     | 2513              |
|                                                 | Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> ) |  |  | \$5.22           | \$5.22            | \$5.22                  | \$5.22            |
|                                                 | Subtotal NRC-Licensed Facility Disposal Costs               |  |  | \$0              | \$13,121          | \$2,693                 | \$13,121          |
|                                                 | Subtotal Concrete Floor Disposal Costs                      |  |  | \$0              | \$15,232          | \$3,126                 | \$15,232          |
| C. Concrete Footing                             |                                                             |  |  |                  |                   |                         |                   |
|                                                 | Length of Concrete Footing (ft)                             |  |  | 0                | 463               | 210                     | 463               |
|                                                 | Average Depth of Concrete Footing (ft)                      |  |  | 4                | 4                 | 4                       | 4                 |
|                                                 | Average Width of Concrete Footing (ft)                      |  |  | 1                | 1                 | 1                       | 1                 |
|                                                 | Volume of Concrete Footing (ft <sup>3</sup> )               |  |  | 0                | 1852              | 839                     | 1852              |
|                                                 | Volume of Concrete Footing (cy)                             |  |  | 0                | 69                | 31                      | 69                |
|                                                 | Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)  |  |  | \$7.56           | \$7.56            | \$7.56                  | \$7.56            |
|                                                 | Subtotal Concrete Footing Disposal Costs                    |  |  | \$0              | \$519             | \$235                   | \$519             |
|                                                 | Subtotal Disposal Costs per Building                        |  |  | \$185            | \$128,325         | \$18,763                | \$128,325         |
|                                                 | Total Disposal Costs                                        |  |  |                  |                   |                         |                   |
| IV. Health and Safety Costs                     |                                                             |  |  |                  |                   |                         |                   |
| Accounted for on GW REST                        |                                                             |  |  |                  |                   |                         |                   |
| SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS |                                                             |  |  | \$355            | \$313,487         | \$54,478                | \$313,487         |
| TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS    |                                                             |  |  |                  |                   |                         |                   |

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|                                  |                                                                               |                       |                     |                     |                     |                   |
|----------------------------------|-------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|---------------------|-------------------|
| <b>Miscellaneous Reclamation</b> |                                                                               |                       |                     |                     |                     |                   |
| <b>I.</b>                        | <b>CPP/Office Area/Pilot Plant/Maint. Shop/Chem. Storage/Yard Reclamation</b> |                       |                     |                     |                     |                   |
|                                  | Concrete Pad= 0.3 acres                                                       |                       |                     |                     |                     |                   |
|                                  | Total Area = 10.57 acres                                                      |                       |                     |                     |                     |                   |
| A.                               | Concrete Pad                                                                  |                       |                     |                     |                     |                   |
|                                  | Area of Concrete Pad (ft <sup>2</sup> )                                       |                       | 13068               |                     |                     |                   |
|                                  | Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft <sup>2</sup> )    |                       | \$5.08              |                     |                     |                   |
|                                  | Average Thickness of Concrete Floor (ft)                                      |                       | 0.50                |                     |                     |                   |
|                                  | Volume of Concrete Floor (ft <sup>3</sup> )                                   |                       | 6,534               |                     |                     |                   |
|                                  | Volume of Concrete Floor (cy)                                                 |                       | 242                 |                     |                     |                   |
|                                  | On-Site Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)            |                       | \$7.56              |                     |                     |                   |
|                                  | <b>Subtotal Concrete Pad Demolition and Disposal Costs</b>                    |                       | <b>\$68,216</b>     |                     |                     |                   |
| B.                               | Gravel Road Base Removal                                                      |                       |                     |                     |                     |                   |
|                                  | Average haul distance (ft)                                                    |                       | 1000                |                     |                     |                   |
|                                  | Gravel Road Base Area (acres)                                                 |                       | 8.0                 |                     |                     |                   |
|                                  | Average Road Base Depth (ft)                                                  |                       | 0.5                 |                     |                     |                   |
|                                  | Volume of Road Base (cy)                                                      |                       | 6453                |                     |                     |                   |
|                                  | Removal Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)                     |                       | \$1.31              |                     |                     |                   |
|                                  | <b>Subtotal Gravel Road Base Removal Costs</b>                                |                       | <b>\$8,426</b>      |                     |                     |                   |
| C.                               | Ripping Overburden with Dozer                                                 |                       |                     |                     |                     |                   |
|                                  | Overburden Surface Area (acres)                                               |                       | 10.6                |                     |                     |                   |
|                                  | Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)                  |                       | \$1,152.92          |                     |                     |                   |
|                                  | <b>Subtotal Ripping Overburden Costs</b>                                      |                       | <b>\$12,186</b>     |                     |                     |                   |
| D.                               | Topsoil Application                                                           |                       |                     |                     |                     |                   |
|                                  | Area of surface disturbance (ft <sup>2</sup> )                                |                       | 460426              |                     |                     |                   |
|                                  | Average thickness of topsoil (ft)                                             |                       | 0.5                 |                     |                     |                   |
|                                  | Average haul distance (ft)                                                    |                       | 2000                |                     |                     |                   |
|                                  | Surface grade (%)                                                             |                       | 0%                  |                     |                     |                   |
|                                  | Volume of Topsoil (cy)                                                        |                       | 8,526               |                     |                     |                   |
|                                  | Movement of Topsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)         |                       | \$1.69              |                     |                     |                   |
|                                  | <b>Subtotal Topsoil Application Costs</b>                                     |                       | <b>\$14,425</b>     |                     |                     |                   |
| E.                               | Discing/Seeding                                                               |                       |                     |                     |                     |                   |
|                                  | Surface Area (acres)                                                          |                       | 10.57               |                     |                     |                   |
|                                  | Discing/Seeding Unit Cost (\$/acre)                                           |                       | \$771               |                     |                     |                   |
|                                  | <b>Subtotal Discing/Seeding Costs</b>                                         |                       | <b>\$8,145</b>      |                     |                     |                   |
|                                  | <b>Total CPP/Office/Yard Area Reclamation</b>                                 |                       | <b>\$102,972</b>    |                     |                     |                   |
| <b>II.</b>                       | <b>Access Road Reclamation (includes culverts)</b>                            | <b>CPP Access Rd.</b> | <b>CPP to SAT 3</b> | <b>Access to WF</b> | <b>MU-15 Access</b> | <b>SR2 Access</b> |
| A.                               | Assumptions                                                                   |                       |                     |                     |                     |                   |
|                                  | Surface grade                                                                 | 1%                    | 5%                  | 5%                  | 0%                  | 5%                |
|                                  | Length of Road (ft)                                                           | 5173                  | 15827               | 15557               | 10560               | 8500              |
|                                  | Width of Road (ft)                                                            | 40                    | 30                  | 14                  | 30                  | 30                |
|                                  | Area of road (acres)                                                          | 4.8                   | 10.9                | 5.0                 | 7.3                 | 5.9               |

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| Miscellaneous Reclamation |                                                                       |  |  |  |                                |                                |                                   |                                  |                              |
|---------------------------|-----------------------------------------------------------------------|--|--|--|--------------------------------|--------------------------------|-----------------------------------|----------------------------------|------------------------------|
| B.                        | Gravel Road Base Removal                                              |  |  |  |                                |                                |                                   |                                  |                              |
|                           | Average haul distance (ft)                                            |  |  |  | 1000                           | 1000                           | 1000                              | 1000                             | 1000                         |
|                           | Gravel Road Base Width (ft)                                           |  |  |  | 30                             | 20                             | 10                                | 20                               | 20                           |
|                           | Gravel Road Base Area (acres)                                         |  |  |  | 3.56                           | 7.27                           | 3.57                              | 4.85                             | 3.90                         |
|                           | Average Road Base Depth (ft)                                          |  |  |  | 0.5                            | 0.5                            | 0.5                               | 0.5                              | 0.5                          |
|                           | Volume of Road Base (cy)                                              |  |  |  | 2874                           | 5862                           | 2881                              | 3911                             | 3148                         |
|                           | Removal Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)             |  |  |  | \$1.31                         | \$1.31                         | \$1.31                            | \$1.31                           | \$1.31                       |
|                           | Subtotal Gravel Road Base Removal Costs                               |  |  |  | \$3,752                        | \$7,654                        | \$3,762                           | \$5,107                          | \$4,111                      |
| C.                        | Ripping Overburden with Dozer                                         |  |  |  |                                |                                |                                   |                                  |                              |
|                           | Overburden Surface Area (acres)                                       |  |  |  | 4.8                            | 10.9                           | 5.0                               | 7.3                              | 5.9                          |
|                           | Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)          |  |  |  | \$1,152.92                     | \$1,152.92                     | \$1,152.92                        | \$1,152.92                       | \$1,152.92                   |
|                           | Subtotal Ripping Overburden Costs                                     |  |  |  | \$5,476                        | \$12,567                       | \$5,765                           | \$8,385                          | \$6,749                      |
| D.                        | Topsoil Application                                                   |  |  |  |                                |                                |                                   |                                  |                              |
|                           | Average haul distance (ft)                                            |  |  |  | 1500                           | 1500                           | 1500                              | 1500                             | 1500                         |
|                           | Topsoil Surface Area (ft <sup>2</sup> )                               |  |  |  | 206910                         | 474804                         | 217800                            | 316800                           | 255000                       |
|                           | Depth of Topsoil (ft)                                                 |  |  |  | 0.5                            | 0.5                            | 0.5                               | 0.5                              | 0.5                          |
|                           | Volume of Topsoil (cy)                                                |  |  |  | 3832                           | 8793                           | 4033                              | 5867                             | 4722                         |
|                           | Movement of Topsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy) |  |  |  | \$1.31                         | \$1.31                         | \$1.31                            | \$1.31                           | \$1.31                       |
|                           | Subtotal Topsoil Application Costs                                    |  |  |  | \$5,003                        | \$11,481                       | \$5,266                           | \$7,660                          | \$6,166                      |
| E.                        | Discing/Seeding                                                       |  |  |  |                                |                                |                                   |                                  |                              |
|                           | Surface Area (acres)                                                  |  |  |  | 4.8                            | 10.9                           | 5.0                               | 7.3                              | 5.9                          |
|                           | Discing/Seeding Unit Cost (\$/acre)                                   |  |  |  | \$685                          | \$685                          | \$685                             | \$685                            | \$685                        |
|                           | Subtotal Discing/Seeding Costs                                        |  |  |  | \$3,255                        | \$7,470                        | \$3,426                           | \$4,984                          | \$4,012                      |
|                           | Multiplier for Projected Additions                                    |  |  |  | 0                              | 0                              | 1                                 | 0                                | 0                            |
|                           | Subtotal Reclamation Costs per Access Road                            |  |  |  | \$17,486                       | \$39,172                       | \$36,438                          | \$26,136                         | \$21,038                     |
|                           | Total Access Road Reclamation Costs                                   |  |  |  | \$145,186                      |                                |                                   |                                  |                              |
| III.                      | Trunk Lines                                                           |  |  |  | Trunk Line #1<br>(CPP to MU-4) | Trunk Line #2<br>(CPP to SR-1) | Trunk Line #3 (MU-<br>15 to SR-1) | Trunk Line #4 (O-<br>Sand Pilot) | Trunk Line (SR-<br>2 to CPP) |
|                           | Length of Trench (ft)                                                 |  |  |  | 7750                           | 8500                           | 21250                             | 5500                             | 2500                         |
| A.                        | Removal and Loading                                                   |  |  |  |                                |                                |                                   |                                  |                              |
|                           | Main Pipeline Removal Unit Cost (\$/ft of trench)                     |  |  |  | \$0.85                         | \$0.85                         | \$0.85                            | \$0.85                           | \$0.85                       |
|                           | Subtotal Trunkline Removal and Loading Costs                          |  |  |  | \$6,588                        | \$7,225                        | \$18,063                          | \$4,675                          | \$2,125                      |
| B.                        | Transport and Disposal Costs (NRC-Licensed Facility)                  |  |  |  |                                |                                |                                   |                                  |                              |
|                           | 1 2" HDPE Trunkline                                                   |  |  |  |                                |                                |                                   |                                  |                              |
|                           | Piping Length (ft)                                                    |  |  |  | 7750                           | 42500                          | 21250                             | 22000                            | 0                            |
|                           | Chipped Volume Reduction (ft <sup>3</sup> /ft)                        |  |  |  | 0.5                            | 0.5                            | 0.5                               | 0.5                              | 0.5                          |
|                           | Chipped Volume (ft <sup>3</sup> )                                     |  |  |  | 3875                           | 21250                          | 10625                             | 11000                            | 0                            |
|                           | 1 4" HDPE Trunkline                                                   |  |  |  |                                |                                |                                   |                                  |                              |
|                           | Piping Length (ft)                                                    |  |  |  | 0                              | 0                              | 0                                 | 0                                | 15000                        |
|                           | Chipped Volume Reduction (ft <sup>3</sup> /ft)                        |  |  |  | 0.022                          | 0.022                          | 0.022                             | 0.022                            | 0.022                        |

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|                                  |                                                                                     |           |           |           |           |
|----------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|
| <b>Miscellaneous Reclamation</b> |                                                                                     |           |           |           |           |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0         | 0         | 0         | 330       |
| 2.                               | 6" HDPE Trunkline                                                                   |           |           |           |           |
|                                  | Piping Length (ft)                                                                  | 7750      | 17000     | 42500     | 0         |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.078     | 0.078     | 0.078     | 0.078     |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 604.5     | 1326      | 3315      | 0         |
| 3.                               | 8" HDPE Trunkline                                                                   |           |           |           |           |
|                                  | Piping Length (ft)                                                                  | 0         | 0         | 0         | 0         |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.15      | 0.15      | 0.15      | 0.15      |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0         | 0         | 0         | 0         |
| 3.                               | 10" HDPE Trunkline                                                                  |           |           |           |           |
|                                  | Piping Length (ft)                                                                  | 0         | 0         | 0         | 0         |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.277     | 0.277     | 0.277     | 0.277     |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0         | 0         | 0         | 0         |
| 4.                               | 12" HDPE Trunkline                                                                  |           |           |           |           |
|                                  | Piping Length (ft)                                                                  | 0         | 9000      | 0         | 0         |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.293     | 0.293     | 0.293     | 0.293     |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0         | 2637      | 0         | 0         |
| 5.                               | 14" HDPE Trunkline                                                                  |           |           |           |           |
|                                  | Piping Length (ft)                                                                  | 0         | 0         | 0         | 0         |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.359     | 0.359     | 0.359     | 0.359     |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0         | 0         | 0         | 0         |
| 5.                               | 16" HDPE Trunkline                                                                  |           |           |           |           |
|                                  | Piping Length (ft)                                                                  | 15500     | 11000     | 21120     | 15500     |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.4       | 0.4       | 0.4       | 0.4       |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 6200      | 4400      | 8448      | 6200      |
| 6.                               | 18" HDPE Trunkline                                                                  |           |           |           |           |
|                                  | Piping Length (ft)                                                                  | 0         | 31500     | 0         | 2320      |
|                                  | Chipped Volume Reduction (ft <sup>3</sup> /ft)                                      | 0.47      | 0.47      | 0.47      | 0.47      |
|                                  | Chipped Volume (ft <sup>3</sup> )                                                   | 0         | 14805     | 0         | 1090      |
|                                  | Total Pipeline Length (ft)                                                          | 10680     | 44418     | 22388     | 7620.4    |
|                                  | Volume for Disposal Assuming 10% Void Space (ft <sup>3</sup> )                      | 11747     | 48860     | 24627     | 8382      |
|                                  | Transportation and Disposal Unit Cost (NRC-Licensed Facility) (\$/ft <sup>3</sup> ) | \$12.52   | \$12.52   | \$12.52   | \$12.52   |
|                                  | Subtotal Transport and Disposal Costs                                               | \$147,055 | \$611,655 | \$308,294 | \$104,930 |
| C.                               | Discing/Seeding                                                                     |           |           |           |           |
|                                  | Width of Pipeline Trench (ft)                                                       | 4         | 4         | 4         | 4         |
|                                  | Area of Pipeline Trench (acres)                                                     | 0.7       | 0.8       | 2.0       | 0.2       |
|                                  | Discing/Seeding Unit Cost (\$/acre)                                                 | \$685     | \$685     | \$685     | \$685     |
|                                  | Subtotal Discing/Seeding Costs                                                      | \$488     | \$535     | \$1,337   | \$157     |
|                                  | Subtotal Reclamation Costs per Pipeline                                             | \$154,131 | \$619,415 | \$327,694 | \$107,212 |

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|                                                                    |          |                      |                      |
|--------------------------------------------------------------------|----------|----------------------|----------------------|
| <b>Miscellaneous Reclamation</b>                                   |          |                      |                      |
| <b>Total Pipeline Reclamation Costs</b>                            |          | <b>\$1,462,639</b>   |                      |
| <b>IV. Settling Basin/Storage Ponds Reclamation</b>                |          | <b>Storage Ponds</b> | <b>Settling Pond</b> |
| A. Soil Sampling and Monitoring                                    |          |                      |                      |
| Number of Soil Samples                                             | 15       | 15                   |                      |
| \$/Sample                                                          | \$333    | \$333                |                      |
| Subtotal Soil Sampling and Monitoring Costs                        | \$4,995  | \$4,995              |                      |
| B. Liner/Subsoil Removal and Disposal                              |          |                      |                      |
| Thickness of clay liner (ft)                                       | 1        | 0.5                  |                      |
| Thickness of contaminated subsoil (ft)                             | 1        | 0.5                  |                      |
| Width of Pond (ft)                                                 | 200      | 252                  |                      |
| Length of Pond (ft)                                                | 100      | 432                  |                      |
| Depth of Pond (ft)                                                 | 10       | 20                   |                      |
| Surface area of pond (ft <sup>2</sup> )                            | 20000    | 108864               |                      |
| 1. Removal and Loading                                             |          |                      |                      |
| Volume of Clay Liner (cy)                                          | 1481     | 0                    |                      |
| Clay Liner Removal and Loading Unit Cost (\$/cy)                   | \$4.51   | \$4.51               |                      |
| Subtotal Liner Removal and Loading Costs                           | \$6,676  | \$0                  |                      |
| 2. Transportation and Disposal                                     |          |                      |                      |
| Volume of Clay Liner (ft <sup>3</sup> )                            | 1481     | 0                    |                      |
| Volume of Geotextile Liner (ft <sup>3</sup> )                      | 52       | 0                    |                      |
| Volume of Geotextile Liner @ 40% void (ft <sup>3</sup> )           | 87       | 0                    |                      |
| Transportation and Disposal Unit Cost (\$/ft <sup>3</sup> )        | \$5.22   | \$5.22               |                      |
| Subtotal Liner Transportation and Disposal Costs                   | \$8,189  | \$0                  |                      |
| Subtotal Liner Removal and Disposal Costs                          | \$14,865 | \$0                  |                      |
| C. Grade and Contour                                               |          |                      |                      |
| Volume of Embankment Material (CY)                                 | 7,407    | 80,640               |                      |
| Average Grade (%)                                                  | 0        | 0                    |                      |
| Distance (ft)                                                      | 50       | 100                  |                      |
| Material Moving Unit Cost per WDEQ Guideline No. 12, App E (\$/cy) | \$0.092  | \$0.161              |                      |
| Subtotal Grade and Contour Costs                                   | \$681    | \$12,983             |                      |
| D. Topsoil Application                                             |          |                      |                      |
| Area of surface disturbance (ft <sup>2</sup> )                     | 20000    | 108899               |                      |
| Average thickness of topsoil (ft)                                  | 1        | 1                    |                      |
| Average haul distance (ft)                                         | 1000     | 1000                 |                      |
| Surface grade (%)                                                  | 0%       | 3%                   |                      |
| Volume of Topsoil (cy)                                             | 741      | 4,033                |                      |
| Topsoil Unit Cost per WDEQ Guideline No. 12, App C (\$/cy)         | \$1.31   | \$1.31               |                      |
| Subtotal Topsoil Application Costs                                 | \$967    | \$5,266              |                      |
| E. Discing/Seeding                                                 |          |                      |                      |
| Area of surface disturbance (acres)                                | 0.5      | 2.5                  |                      |
| Discing/Seeding Unit Cost (\$/acre)                                | \$685    | \$685                |                      |
| Subtotal Discing/Seeding Costs                                     | \$343    | \$1,713              |                      |

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|                                  |                                                                           |  |  |  |  |                    |          |  |  |
|----------------------------------|---------------------------------------------------------------------------|--|--|--|--|--------------------|----------|--|--|
| <b>Miscellaneous Reclamation</b> |                                                                           |  |  |  |  |                    |          |  |  |
|                                  | Subtotal Reclamation Costs                                                |  |  |  |  | \$21,851           | \$24,957 |  |  |
|                                  | <b>Total Settling Basin/Ponds Reclamation Costs</b>                       |  |  |  |  | <b>\$46,809</b>    |          |  |  |
| <b>V. Miscellaneous</b>          |                                                                           |  |  |  |  |                    |          |  |  |
| A.                               | Potable Water Wells                                                       |  |  |  |  |                    |          |  |  |
|                                  | Total Depth (ft) (5- 5-inch Diameter Wells, @ 750 ft)                     |  |  |  |  | 3,750              |          |  |  |
|                                  | Well Abandonment Unit Cost (\$/ft)                                        |  |  |  |  | \$1.45             |          |  |  |
|                                  | Subtotal Potable Water Wells Abandonment Costs                            |  |  |  |  | \$5,437.50         |          |  |  |
| B.                               | Fuel Area                                                                 |  |  |  |  |                    |          |  |  |
|                                  | Concrete Floor                                                            |  |  |  |  |                    |          |  |  |
|                                  | Area of Concrete Floor (ft <sup>3</sup> )                                 |  |  |  |  | 375                |          |  |  |
|                                  | Demolition Unit Cost per WDEQ Guideline No.12,App.K (\$/ft <sup>3</sup> ) |  |  |  |  | \$0.24             |          |  |  |
|                                  | Subtotal Concrete Floor Demolition Costs                                  |  |  |  |  | \$89               |          |  |  |
|                                  | Concrete Footing                                                          |  |  |  |  |                    |          |  |  |
|                                  | Length of Concrete Footing (ft)                                           |  |  |  |  | 77                 |          |  |  |
|                                  | Demolition Unit Cost per WDEQ Guide. No.12,App.K (\$/lin. ft)             |  |  |  |  | \$18.10            |          |  |  |
|                                  | Subtotal Concrete Footing Demolition Costs                                |  |  |  |  | \$1,402            |          |  |  |
|                                  | Subtotal Fuel Area Costs                                                  |  |  |  |  | \$1,491            |          |  |  |
| C                                | O <sub>2</sub> Pad MU-15                                                  |  |  |  |  |                    |          |  |  |
|                                  | Concrete Floor                                                            |  |  |  |  |                    |          |  |  |
|                                  | Area of Concrete Floor (ft <sup>2</sup> )                                 |  |  |  |  | 400                |          |  |  |
|                                  | Demolition Unit Cost per WDEQ Guideline No.12,App.K (\$/ft <sup>2</sup> ) |  |  |  |  | \$5.08             |          |  |  |
|                                  | Subtotal Concrete Floor Demolition Costs                                  |  |  |  |  | \$2,032            |          |  |  |
|                                  | Concrete Footing                                                          |  |  |  |  |                    |          |  |  |
|                                  | Length of Concrete Footing (ft)                                           |  |  |  |  | 80                 |          |  |  |
|                                  | Demolition Unit Cost per WDEQ Guide. No.12,App.K (\$/lin. ft)             |  |  |  |  | \$18.10            |          |  |  |
|                                  | Subtotal Concrete Footing Demolition Costs                                |  |  |  |  | \$1,448            |          |  |  |
|                                  | Subtotal O <sub>2</sub> Pad MU-15 Costs                                   |  |  |  |  | \$3,480            |          |  |  |
| D                                | O <sub>2</sub> Pad CPP                                                    |  |  |  |  |                    |          |  |  |
|                                  | Concrete Floor                                                            |  |  |  |  |                    |          |  |  |
|                                  | Area of Concrete Floor (ft <sup>2</sup> )                                 |  |  |  |  | 400                |          |  |  |
|                                  | Demolition Unit Cost per WDEQ Guideline No.12,App.K (\$/ft <sup>2</sup> ) |  |  |  |  | \$18.10            |          |  |  |
|                                  | Subtotal Concrete Floor Demolition Costs                                  |  |  |  |  | \$7,239            |          |  |  |
|                                  | Concrete Footing                                                          |  |  |  |  |                    |          |  |  |
|                                  | Length of Concrete Footing (ft)                                           |  |  |  |  | 80                 |          |  |  |
|                                  | Demolition Unit Cost per WDEQ Guide. No.12,App.K (\$/lin. ft)             |  |  |  |  | \$18.10            |          |  |  |
|                                  | Subtotal Concrete Footing Demolition Costs                                |  |  |  |  | \$1,448            |          |  |  |
|                                  | Subtotal O <sub>2</sub> Pad CPP Costs                                     |  |  |  |  | \$8,687            |          |  |  |
| E                                | Fence Removal                                                             |  |  |  |  |                    |          |  |  |
|                                  | Total Length of Fence (ft)                                                |  |  |  |  | 100,270            |          |  |  |
|                                  | Fence Removal Cost                                                        |  |  |  |  | \$0.55             |          |  |  |
|                                  | Subtotal Fence Removal                                                    |  |  |  |  | \$55,149           |          |  |  |
|                                  | <b>Total Miscellaneous Structures Reclamation Costs</b>                   |  |  |  |  | <b>\$62,077.00</b> |          |  |  |

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Surety Estimate

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| Miscellaneous Reclamation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Cameco Resources**  
**Smith Ranch - Highland Uranium Project**  
**Surety Estimate**

| Groundwater Sweep (GWS) and Deep Disposal Well (DDW) Unit Costs     |   |               |   |         |   |           |   |           |           |           |           |         |
|---------------------------------------------------------------------|---|---------------|---|---------|---|-----------|---|-----------|-----------|-----------|-----------|---------|
| Assumptions:                                                        |   |               |   |         |   |           |   |           |           |           |           |         |
| 1. Wellfield pumps are 5 hp pumping at 32 gpm                       |   |               |   |         |   |           |   |           |           |           |           |         |
| 2. Cost of electricity = \$0.0478 kwh                               |   |               |   |         |   |           |   |           |           |           |           |         |
| 3. Operator labor costs = \$210.50 man-day                          |   |               |   |         |   |           |   |           |           |           |           |         |
| 4. One 60 hp pump at the plant or satellite feeds two DDWs          |   |               |   |         |   |           |   |           |           |           |           |         |
| 5. One 150 hp at each DDW                                           |   |               |   |         |   |           |   |           |           |           |           |         |
| 6. Each DDW can take 75 gpm                                         |   |               |   |         |   |           |   |           |           |           |           |         |
| Wellfield Pumping Electrical Costs per 1000 Gallons                 |   |               |   |         |   |           |   |           |           |           |           |         |
| 1000 gal                                                            | X | 3 hp          | X | 1 hr    | X | 0.746 kwh | X | \$ 0.0478 |           |           |           |         |
|                                                                     |   | 32 gpm        |   | 60 min  |   | hp        |   | kwh       |           | = \$      | 0.056     |         |
| Wellfield Pumping Labor Costs per 1000 Gallons                      |   |               |   |         |   |           |   |           |           |           |           |         |
| 1000 gal                                                            | X | 1 mon         | X | 30 days | X | \$210.50  | X | 2         | operators | = \$      | 1.922     |         |
|                                                                     |   | 6,570,000 gal |   | 1 month |   | man-day   |   |           |           |           |           |         |
| Groundwater Sweep Production Rate                                   |   |               |   |         |   |           |   |           |           |           |           |         |
| 150 gal                                                             | X | 60 min        | X | 24 hr   | X | 365 day   | X | 1         | year      | =         | 6,570,000 | gallons |
| min                                                                 |   | hr            |   | day     |   | year      |   | 12        | month     |           |           | month   |
| Plant or Satellite to DDW Pumping Electrical Costs per 1000 Gallons |   |               |   |         |   |           |   |           |           |           |           |         |
| 1000 gal                                                            | X | 60 hp         | X | 1 hr    | X | 0.746 kwh | X | \$ 0.0478 |           |           |           |         |
|                                                                     |   | 150 gpm       |   | 60 min  |   | hp        |   | kwh       |           | = \$      | 0.238     |         |
| DDW Pumping Costs per 1000 gallons                                  |   |               |   |         |   |           |   |           |           |           |           |         |
| 1000 gal                                                            | X | 150 hp        | X | 1 hr    | X | 0.746 kwh | X | \$ 0.0478 |           |           |           |         |
|                                                                     |   | 75 gpm        |   | 60 min  |   | hp        |   | kwh       |           | = \$      | 1.189     |         |
| TOTAL GWS COSTS PER 1000 GALLONS                                    |   |               |   |         |   |           |   |           |           | = \$ 3.41 |           |         |

**Cameco Resources**  
**Smith Ranch - Highland Uranium Project**  
**Surety Estimate**

| Groundwater Reverse Osmosis (RO) and Bioremediation Unit Costs          |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
|-------------------------------------------------------------------------|-------------------------|-------------|-----------------|---|-----------------|------------|---------|----|----------|------------------|---|-----------|---------------------------------|
| <b>Assumptions:</b>                                                     |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1. Cost of electricity =                                                |                         |             |                 |   |                 |            |         |    |          |                  |   | \$0.0478  | KW hr                           |
| 2. Operator labor costs =                                               |                         |             |                 |   |                 |            |         |    |          |                  |   | \$210.50  | day                             |
| 3. RO System Horsepower:                                                |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
|                                                                         | downhole pump           |             |                 |   |                 | 3          | hp      | 10 | gpm      |                  |   |           |                                 |
|                                                                         | RO Unit Pump            |             |                 |   |                 | 60         | hp      |    |          |                  |   |           |                                 |
|                                                                         | Permeate/Injection pump |             |                 |   |                 | 60         | hp      |    |          |                  |   |           |                                 |
|                                                                         | Waste pump              |             |                 |   |                 | 15         | hp      |    |          |                  |   |           |                                 |
|                                                                         | TOTAL:                  |             |                 |   |                 | 138        | hp      |    |          |                  |   |           |                                 |
| 4. Chemical costs:                                                      |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
|                                                                         | Cheese Whey =           |             |                 |   |                 |            |         |    |          |                  |   | \$1.08    | gal                             |
|                                                                         | Methanol =              |             |                 |   |                 |            |         |    |          |                  |   | \$2.43    | gal                             |
|                                                                         | Antiscalant =           |             |                 |   |                 |            |         |    |          |                  |   | \$16.19   | gal                             |
| 5. Mix Rates                                                            |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
|                                                                         | Cheese Whey             |             |                 |   |                 | 0.00005    | gal/gal |    |          |                  |   |           |                                 |
|                                                                         | Methanol                |             |                 |   |                 | 0.00025    | gal/gal |    |          |                  |   |           |                                 |
|                                                                         | Antiscalant             |             |                 |   |                 | 0.00000833 | gal/gal |    |          |                  |   |           |                                 |
| 6. Based on 36 pumps at 1,150 gpm                                       |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 7. RO Maintenance Costs                                                 |                         |             |                 |   |                 |            |         |    |          |                  |   | \$0.05    | per Kgal                        |
| <b>Wellfield Pumping Electrical Costs per 1000 Gallons</b>              |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1000 gal                                                                | X                       | 3           | hp              | X | 1               | hr         |         | X  | 0.746    | kwh              | X | \$ 0.0478 |                                 |
|                                                                         |                         | 32          | gpm             |   | 60              | min        |         |    | hp       |                  |   | kwh       | = \$ 0.056 per Kgal             |
| <b>Reverse Osmosis/Bioremediation Electrical Costs per 1000 Gallons</b> |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1000 gal                                                                | X                       | 138         | hp              | X | 1               | hr         |         | X  | 0.746    | kwh              | X | \$ 0.0478 |                                 |
|                                                                         |                         | 1000        | gpm             |   | 60              | min        |         |    | hp       |                  |   | kwh       | = \$ 0.082 per Kgal             |
| <b>Reverse Osmosis/Bioremediation Labor Costs per 1000 Gallons</b>      |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1000 gal                                                                | X                       | 1           | min             | X | 1               | man-day    |         | X  | \$210.50 | man-day          | X | 2         | operators = \$ 0.877 per Kgal   |
|                                                                         |                         | 1,000       | gal             |   | 480             | min        |         |    |          |                  |   |           |                                 |
| <b>Treatment chemical costs per 1000 Gallons</b>                        |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| Antiscalant:                                                            |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1000 gal                                                                | X                       | 0.000008330 | gal antiscalant | X | \$16.19         |            |         |    |          |                  |   |           | = \$ 0.135 per Kgal             |
|                                                                         |                         | 1           | gal             |   | gal antiscalant |            |         |    |          |                  |   |           |                                 |
| Methanol                                                                |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1000 gal                                                                | X                       | 0.00025     | gal methanol    | X | \$2.43          |            |         |    |          |                  |   |           | = \$ 0.608 per Kgal             |
|                                                                         |                         | 1           | gal             |   | gal methanol    |            |         |    |          |                  |   |           |                                 |
| Cheese Whey                                                             |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1000 gal                                                                | X                       | 0.00005     | gal cheese whey | X | \$1.08          |            |         |    |          |                  |   |           | = \$ 0.054 per Kgal             |
|                                                                         |                         | 1           | gal             |   | gal cheese whey |            |         |    |          |                  |   |           |                                 |
| <b>Reverse Osmosis Production Rate</b>                                  |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 400 gal                                                                 | X                       | 60          | min             | X | 24              | hr         |         | X  | 365      | day              | X | 1         | year = 17,520,000 gallons month |
| min                                                                     |                         | hr          |                 |   | day             |            |         |    | year     |                  |   | month     |                                 |
| <b>Bioremediation Production Rate (information only, not used)</b>      |                         |             |                 |   |                 |            |         |    |          |                  |   |           |                                 |
| 1050 gal                                                                | X                       | 60          | min             | X | 24              | hr         |         | X  | 365      | day              | X | 1         | year = 45,990,000 gallons month |
| min                                                                     |                         | hr          |                 |   | day             |            |         |    | year     |                  |   | month     |                                 |
| <b>TOTAL RO COSTS PER 1000 GALLONS</b>                                  |                         |             |                 |   |                 |            |         |    |          | <b>= \$ 1.20</b> |   |           |                                 |
| <b>TOTAL BIOREMEDIATION COSTS PER 1000 GALLONS</b>                      |                         |             |                 |   |                 |            |         |    |          | <b>= \$ 1.68</b> |   |           |                                 |

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| FIVE YEAR MECHANICAL INTEGRITY TESTS (MIT)   |                                                        |   |        |          |  |  |  |      |        |         |
|----------------------------------------------|--------------------------------------------------------|---|--------|----------|--|--|--|------|--------|---------|
| Assumptions:                                 |                                                        |   |        |          |  |  |  |      |        |         |
| 1                                            | Pulling Unit for 8 hr/day                              |   |        |          |  |  |  |      |        |         |
| 2                                            | MIT Unit for 8 hr/day                                  |   |        |          |  |  |  |      |        |         |
| 3                                            | Labor for operation of pulling unit requires 2 workers |   |        |          |  |  |  |      |        |         |
| 4                                            | Labor for operation of MIT Unit requires 1 worker      |   |        |          |  |  |  |      |        |         |
| MIT Costs per Well                           |                                                        |   |        |          |  |  |  |      |        |         |
| Equipment and Labor:                         |                                                        |   |        |          |  |  |  |      |        |         |
| Pulling Unit                                 |                                                        |   |        |          |  |  |  |      |        |         |
|                                              | 8 hours                                                | X | \$ 110 | per hour |  |  |  | = \$ | 880.00 |         |
| MIT Unit                                     |                                                        |   |        |          |  |  |  |      |        |         |
|                                              | 8 hours                                                | X | \$ 110 | per hour |  |  |  | = \$ | 880.00 |         |
| TOTAL MIT COST PER DAY                       |                                                        |   |        |          |  |  |  |      | = \$   | 1760.00 |
| Wells Completed                              |                                                        |   |        |          |  |  |  |      |        |         |
|                                              |                                                        |   | 6      | per day  |  |  |  |      |        |         |
| MIT COSTS PER WELL                           |                                                        |   |        |          |  |  |  |      | = \$   | 293.33  |
| MIT COSTS PER DEEP DISPOSAL WELL (2008 Cost) |                                                        |   |        |          |  |  |  |      | = \$   | 5907.53 |

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| WELL ABANDONMENT Unit Costs                                                   |                 |   |           |          |   |        |  |                                        |  |
|-------------------------------------------------------------------------------|-----------------|---|-----------|----------|---|--------|--|----------------------------------------|--|
| Assumptions:                                                                  |                 |   |           |          |   |        |  |                                        |  |
| 1 Use backhoe for 0.25 hr/well to dig, cut off, and cap well.                 |                 |   |           |          |   |        |  |                                        |  |
| 2 Drill rig used 2.5 hrs to plug well.                                        |                 |   |           |          |   |        |  |                                        |  |
| 3 Labor for installing chips, etc. will require 2 workers at 2.5 hrs per well |                 |   |           |          |   |        |  |                                        |  |
| 4 Contouring and seeding included with miscellaneous reclamation              |                 |   |           |          |   |        |  |                                        |  |
| Well Abandonment Costs                                                        |                 |   |           |          |   |        |  | Cost per ft<br>(based on 700 ft wells) |  |
| Cat 416 Backhoe                                                               |                 |   |           |          |   |        |  |                                        |  |
|                                                                               | 0.25 hours      | X | \$ 80.00  | per hour | = | 20.00  |  | \$0.0286                               |  |
| Drill rig                                                                     |                 |   |           |          |   |        |  |                                        |  |
|                                                                               | 2.5 hours       | X | \$ 148.84 | per hour | = | 372.10 |  | \$0.5316                               |  |
| Labor                                                                         |                 |   |           |          |   |        |  |                                        |  |
|                                                                               | 2.5 hours       | X | \$ 17.06  | per hour | = | 42.64  |  | \$0.1218                               |  |
| Well Cap                                                                      |                 |   |           |          |   |        |  |                                        |  |
|                                                                               | 1 each          | X | \$ 1.27   | each     | = | 1.27   |  | \$0.0018                               |  |
| Materials per foot of well                                                    |                 |   |           |          |   |        |  |                                        |  |
| Cement                                                                        |                 |   |           |          |   |        |  |                                        |  |
|                                                                               | 0.12 sacks/ft   | X | \$ 5.94   | per sack | = |        |  | \$0.7128                               |  |
| Plug Gel                                                                      |                 |   |           |          |   |        |  |                                        |  |
|                                                                               | 0.0067 sacks/ft | X | \$ 7.30   | per sack | = |        |  | \$0.0489                               |  |
| Total Estimated Cost per Foot:                                                |                 |   |           |          |   |        |  | \$1.45                                 |  |

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| REMOVAL OF CONTAMINATED SOIL AROUND WELLS Unit Cost                      |      |       |    |          |          |               |  |  |          |
|--------------------------------------------------------------------------|------|-------|----|----------|----------|---------------|--|--|----------|
| Assumptions:                                                             |      |       |    |          |          |               |  |  |          |
| 1 Use backhoe for 0.25 hr/well to dig                                    |      |       |    |          |          |               |  |  |          |
| 2 Radiation Technician measures extent of contamination for 0.25 hr/well |      |       |    |          |          |               |  |  |          |
| Assessment/Removal Costs                                                 |      |       |    |          |          | Cost per well |  |  |          |
| Cat 416 Backhoe                                                          |      |       |    |          |          |               |  |  |          |
|                                                                          | 0.25 | hours | X  | \$ 80.00 | per hour |               |  |  | \$20.00  |
| Radiation Technician                                                     |      |       |    |          |          |               |  |  |          |
|                                                                          | 0.25 | hours | X  | \$ 24.60 | per hour |               |  |  | \$6.15   |
| Laborer                                                                  |      |       |    |          |          |               |  |  |          |
|                                                                          | 2.5  |       | X  | \$ 17.06 | per hour |               |  |  | \$42.64  |
| Disposal and Transportation Costs                                        |      |       |    |          |          |               |  |  |          |
| Contaminated Soil per Well                                               |      |       |    |          |          |               |  |  |          |
|                                                                          |      |       |    |          | 0.370    | cy per well   |  |  |          |
| Disposal and Transportation                                              |      |       |    |          |          |               |  |  |          |
|                                                                          |      |       | \$ | 338.00   | per cy   |               |  |  | \$125.06 |
| Total Estimated Cost per Well:                                           |      |       |    |          |          |               |  |  | \$193.85 |

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| DELINEATION HOLE ABANDONMENT Unit Costs                                       |        |          |   |    |                  |          |   |                                        |          |
|-------------------------------------------------------------------------------|--------|----------|---|----|------------------|----------|---|----------------------------------------|----------|
| Assumptions:                                                                  |        |          |   |    |                  |          |   |                                        |          |
| 1 Drill rig used 2.5 hrs to plug well.                                        |        |          |   |    |                  |          |   |                                        |          |
| 2 Labor for installing chips, etc. will require 2 workers at 0.5 hrs per well |        |          |   |    |                  |          |   |                                        |          |
| Hole Abandonment Costs                                                        |        |          |   |    |                  |          |   | Cost per ft<br>(based on 700 ft wells) |          |
| Drill rig                                                                     |        |          |   |    |                  |          |   |                                        |          |
|                                                                               | 2.5    | hours    | X | \$ | 148.84           | per hour | = | \$ 372.10                              | \$0.5316 |
| Well Cap                                                                      |        |          |   |    |                  |          |   |                                        |          |
|                                                                               | 1      | each     | X | \$ | 1.27             | each     | = | \$ 1.27                                | \$0.0018 |
| Labor                                                                         |        |          |   |    |                  |          |   |                                        |          |
|                                                                               | 2.5    | hours    | X | \$ | 17.06            | per hour | = | 42.64                                  | \$0.1218 |
| Materials per foot of                                                         |        |          |   |    |                  |          |   |                                        |          |
| Cement                                                                        |        |          |   |    |                  |          |   |                                        |          |
|                                                                               | 0.12   | lbs/ft   | X | \$ | 5.940            | per sack | = |                                        | \$0.7128 |
| Plug Gel                                                                      |        |          |   |    |                  |          |   |                                        |          |
|                                                                               | 0.0067 | sacks/ft | X | \$ | 7.30             | per sack | = |                                        | \$0.0489 |
| Site Grading and Seeding:                                                     |        |          |   |    | \$31.00 per site |          |   |                                        |          |
| Total Estimated Cost per Foot:                                                |        |          |   |    |                  |          |   |                                        | \$1.42   |

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|                                              |                         |                  |                           |  |  |
|----------------------------------------------|-------------------------|------------------|---------------------------|--|--|
| <b>Wellfield Building/Clay Liner Removal</b> |                         |                  |                           |  |  |
| <b>Cost per Well Head Cover</b>              |                         |                  |                           |  |  |
|                                              | Radiation Tech =        | 19               | per hour                  |  |  |
|                                              | Operator =              | 20               | per hour                  |  |  |
|                                              | Total Wellhead Covers = | 0.00             |                           |  |  |
|                                              | HCl 35% Cost =          | \$ 0.160         | per pound                 |  |  |
|                                              | Acid Usage Rate =       | 4.1              | pounds per wellhead cover |  |  |
|                                              | Acid Unit Cost =        | \$ 0.66          | per wellhead cover        |  |  |
|                                              | Total Labor Rate =      | \$ 45.72         | per hour                  |  |  |
|                                              | Cleaning Rate           | 10               | wellheads per hour        |  |  |
|                                              | <b>Survey / Decon.</b>  | <b>\$ 4.57</b>   | <b>per wellhead cover</b> |  |  |
| <b>Cost per Header House</b>                 |                         |                  |                           |  |  |
|                                              | Rad Technician =        | 19               | per hour                  |  |  |
|                                              | Operator =              | 20               | per hour                  |  |  |
|                                              | Number of Operators =   | 2                |                           |  |  |
|                                              | HCl 35% Cost =          | \$ 0.160         | per pound                 |  |  |
|                                              | Acid Usage Rate =       | 20               | pounds per header house   |  |  |
|                                              | Acid Unit Cost =        | \$ 3.20          | per header house          |  |  |
|                                              | Total Labor Rate =      | \$ 368.36        | per hour                  |  |  |
|                                              | Cleaning Rate           | 1                | header house per day      |  |  |
|                                              | <b>Survey / Decon.</b>  | <b>\$ 368.36</b> | <b>per header house</b>   |  |  |
| <b>Clay Liner/Subsoil Removal Cost</b>       |                         |                  |                           |  |  |
|                                              | Operator =              | 20               | per hour                  |  |  |
|                                              | Trackhoe =              | \$ 80.00         | per hour                  |  |  |
|                                              | Loader =                | \$ 80.00         | per hour                  |  |  |
|                                              | Loader Size =           | 20               | cubic yards               |  |  |
|                                              | Disposal Rate =         | 40               | yards/hour                |  |  |
|                                              | <b>Total Removal</b>    | <b>\$ 4.51</b>   | <b>per cubic yard</b>     |  |  |

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|                                                             |            |                 |  |  |  |  |  |  |
|-------------------------------------------------------------|------------|-----------------|--|--|--|--|--|--|
| <b>ACID WASH</b>                                            |            |                 |  |  |  |  |  |  |
| Assumptions:                                                |            |                 |  |  |  |  |  |  |
| 10% wash solution is used                                   |            |                 |  |  |  |  |  |  |
| 0.25 gallon of acid wash is used per sq ft. to clean walls. |            |                 |  |  |  |  |  |  |
| 1 gallon of acid wash is used per sq ft. to clean floors.   |            |                 |  |  |  |  |  |  |
| Using the CPP square footages the assumption is as follows  |            |                 |  |  |  |  |  |  |
| <b>Acid Wash (Walls)</b>                                    |            |                 |  |  |  |  |  |  |
| Labor                                                       | 2          | Men             |  |  |  |  |  |  |
| Rate                                                        | \$17.06    | hr.             |  |  |  |  |  |  |
| Time                                                        | 20         | 8hr. Days       |  |  |  |  |  |  |
| Manlift Rental                                              | \$8,000.00 | Month           |  |  |  |  |  |  |
| CPP Wall Area                                               | 26,710     | square feet     |  |  |  |  |  |  |
| Labor and manlift                                           | \$0.50     | per square foot |  |  |  |  |  |  |
| Acid                                                        | \$0.16     | pound           |  |  |  |  |  |  |
| Consumables                                                 | \$0.05     | per square foot |  |  |  |  |  |  |
| Total                                                       | \$0.71     | per square foot |  |  |  |  |  |  |
| <b>Acid Wash (Floors)</b>                                   |            |                 |  |  |  |  |  |  |
| Labor                                                       | 2          | Workers         |  |  |  |  |  |  |
| Rate                                                        | \$17.06    | hr.             |  |  |  |  |  |  |
| Time                                                        | 15         | 8hr. Days       |  |  |  |  |  |  |
| CPP Floor Area                                              | 11550      | square feet     |  |  |  |  |  |  |
| Labor                                                       | \$0.35     | per square foot |  |  |  |  |  |  |
| Acid                                                        | \$0.16     | pound           |  |  |  |  |  |  |
| Consumables                                                 | \$0.05     | per square foot |  |  |  |  |  |  |
| Total                                                       | \$0.56     | per square foot |  |  |  |  |  |  |

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| WELLFIELD PIPING REMOVAL Unit Costs                                |          |   |            |         |         |           |          |  |  |
|--------------------------------------------------------------------|----------|---|------------|---------|---------|-----------|----------|--|--|
| Assumptions:                                                       |          |   |            |         |         |           |          |  |  |
| 1. Trenching with backhoe at 1500 ft/day                           |          |   |            |         |         |           |          |  |  |
| 2. Pipeline extraction and backfilling with backhoe at 1500 ft/day |          |   |            |         |         |           |          |  |  |
| 4. Backhoe operation requires 1 worker                             |          |   |            |         |         |           |          |  |  |
| 5. Pipeline extraction requires 2 workers                          |          |   |            |         |         |           |          |  |  |
| 6. Operating schedule: 8 hrs/day, 5 days/week                      |          |   |            |         |         |           |          |  |  |
| Equipment                                                          |          |   |            |         |         |           |          |  |  |
| Backhoe                                                            |          |   |            |         |         |           |          |  |  |
|                                                                    | \$ 80    | X | 8 hours    |         | 1 day   | =\$ 0.43  | per foot |  |  |
|                                                                    | hour     |   | day        | 1500 ft |         |           |          |  |  |
| Labor                                                              |          |   |            |         |         |           |          |  |  |
| Backhoe Operation                                                  |          |   |            |         |         |           |          |  |  |
|                                                                    | \$ 26.31 | X | 8 man hrs  | X       | 1 days  | =\$ 0.14  | per foot |  |  |
|                                                                    | man hr   |   | 1 day      |         | 1500 ft |           |          |  |  |
| Pipeline Extraction                                                |          |   |            |         |         |           |          |  |  |
|                                                                    | \$ 26.31 | X | 16 man hrs | X       | 1 day   | =\$ 0.28  | per foot |  |  |
|                                                                    | man hr   |   | 1 day      |         | 1500 ft |           |          |  |  |
| MAIN PIPELINE REMOVAL COST                                         |          |   |            |         |         | =\$ 0.850 | per foot |  |  |

**Camco Resources**  
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| Mine Unit Data                                 |             |             |             |                     |              |               |             |             |              |              |              |             |
|------------------------------------------------|-------------|-------------|-------------|---------------------|--------------|---------------|-------------|-------------|--------------|--------------|--------------|-------------|
|                                                | Mine Unit-1 | Mine Unit-2 | Mine Unit-3 | Mine Unit-4/4A/4Ext | Mine Unit-15 | Mine Unit-15A | Mine Unit K | Mine Unit 9 | Mine Unit 10 | Mine Unit 27 | Mine Unit 21 | Mine Unit 7 |
| Total number of production wells               | 101         | 140         | 148         | 216                 | 268          | 204           | 195         | 238         | 0            | 60           | 0            | 0           |
| Total number of injection wells                | 113         | 235         | 204         | 353                 | 463          | 376           | 294         | 354         | 0            | 100          | 0            | 0           |
| Total number of monitor wells                  | 47          | 53          | 44          | 90                  | 102          | 57            | 61          | 103         | 70           | 76           | 0            | 46          |
| Flare Factor                                   | 1.56        | 1.05        | 1.05        | 1.14                | 1.48         | 1.68          | 1.21        | 1.52        | 0            | 1.82         | 0            | 1.58        |
| Wellfield Area (ft <sup>2</sup> )              | 1,108,034   | 2,271,426   | 1,790,519   | 2,725,270           | 2,554,278    | 970,206       | 1,813,644   | 1,931,533   | 0            | 1,764,110    | 0            | 1,079,984   |
| Wellfield Area (acres)                         | 25.44       | 52.14       | 41.10       | 62.56               | 58.64        | 22.27         | 41.64       | 44.34       | 0.00         | 40.50        | 0.00         | 24.79       |
| Affected Ore Zone Area (ft <sup>2</sup> )      | 1,108,034   | 2,271,426   | 1,790,519   | 2,725,270           | 2,554,278    | 970,206       | 1,813,644   | 1,931,533   | 0            | 1,764,110    | 0            | 1,079,984   |
| Avg. Completed Thickness                       | 18.0        | 23.0        | 17.0        | 19.0                | 18.0         | 16.0          | 19.0        | 23.0        | 0.0          | 23.0         | 0.0          | 20.0        |
| Porosity                                       | 0.27        | 0.27        | 0.27        | 0.27                | 0.27         | 0.27          | 0.27        | 0.27        | 0.27         | 0.27         | 0.27         | 0.27        |
| Affected Volume (ft <sup>3</sup> )             | 31,113,595  | 54,854,938  | 31,960,764  | 59,029,348          | 68,045,966   | 26,079,137    | 41,695,676  | 67,526,394  | 0            | 73,845,645   | 0            | 34,127,494  |
| Kgallons per Pore Volume                       | 62,837      | 110,785     | 64,548      | 119,216             | 137,426      | 52,669        | 84,209      | 136,376     | 0            | 149,139      | 0            | 68,924      |
| Number of Patterns in Unit(s)                  |             |             |             |                     |              |               |             |             |              |              |              |             |
| Current                                        | 101         | 140         | 148         | 216                 | 268          | 101           | 180         | 180         | 0            | 0            | 0            | 0           |
| Estimated next report                          | 0           | 0           | 0           | 0                   | 0            | 103           | 15          | 58          | 0            | 60           | 0            | 0           |
| Total Estimated                                | 101         | 140         | 148         | 216                 | 268          | 204           | 195         | 238         | 0            | 60           | 0            | 0           |
| Number of Wells in Unit(s)                     |             |             |             |                     |              |               |             |             |              |              |              |             |
| Production Wells                               |             |             |             |                     |              |               |             |             |              |              |              |             |
| Current                                        | 101         | 140         | 148         | 216                 | 268          | 101           | 180         | 180         | 0            | 0            | 0            | 0           |
| Estimated next report                          | 0           | 0           | 0           | 0                   | 0            | 103           | 15          | 58          | 0            | 60           | 0            | 0           |
| Total Estimated                                | 101         | 140         | 148         | 216                 | 268          | 204           | 195         | 238         | 0            | 60           | 0            | 0           |
| Injection Wells                                |             |             |             |                     |              |               |             |             |              |              |              |             |
| Current                                        | 113         | 235         | 204         | 353                 | 463          | 186           | 271         | 265         | 0            | 0            | 0            | 0           |
| Estimated next report                          | 0           | 0           | 0           | 0                   | 0            | 190           | 23          | 89          | 0            | 100          | 0            | 0           |
| Total Estimated                                | 113         | 235         | 204         | 353                 | 463          | 376           | 294         | 354         | 0            | 100          | 0            | 0           |
| Monitor Wells                                  |             |             |             |                     |              |               |             |             |              |              |              |             |
| Current                                        | 47          | 53          | 44          | 90                  | 102          | 57            | 61          | 90          | 70           | 76           | 0            | 0           |
| Estimated next report                          | 0           | 0           | 0           | 0                   | 0            | 0             | 0           | 13          | 0            | 0            | 0            | 46          |
| Total Estimated                                | 47          | 53          | 44          | 90                  | 102          | 57            | 61          | 103         | 70           | 76           | 0            | 46          |
| Number of Wells per Wellfield                  | 261         | 428         | 396         | 659                 | 833          | 637           | 550         | 695         | 70           | 236          | 0            | 46          |
| Total Number of Wells                          | 4811        |             |             |                     |              |               |             |             |              |              |              |             |
| Average Well Depth (ft)                        | 500         | 850         | 750         | 850                 | 450          | 500           | 950         | 950         | 950          | 800          | 800          | 800         |
| Average Diameter of Casing (inches)            | 5           | 5           | 5           | 5                   | 4.5          | 4.5           | 4.5         | 5           | 0            | 0            | 0            | 5           |
| Delineation Holes Estimated Next Report Period | 0           | 0           | 0           | 0                   | 0            | 0             | 62          | 30          | 270          | 0            | 60           | 0           |
| Length of Fencing (ft)                         | 16,487      | 11580       | 7388        | 25047               | 7074         | 0             | 10807       | 21887       | 0            | 0            | 0            | 0           |
| Number of Deep Disposal Wells                  |             |             |             |                     |              |               |             |             |              |              |              |             |

**Cameco Resources**  
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| Electrical Costs                                                  |                                        |                                      |      |
|-------------------------------------------------------------------|----------------------------------------|--------------------------------------|------|
| Power cost                                                        | 2008 Actual                            |                                      |      |
|                                                                   | \$10,047.8                             | Kw/Hr                                |      |
| Kilowatt to Horsepower                                            | 0.746                                  | Kw/HP                                |      |
| Horsepower per gallon per minute                                  | 0.167                                  | HP/gpm                               |      |
| Building Electricity Costs, Highest Winter Season                 | \$0.013                                | per cubic foot                       |      |
| Labor Rates                                                       |                                        |                                      |      |
| Latest Available, Wyoming, US Bureau of Labor/Statistics May 2007 |                                        | Inc 30% benefits<br>(i.e., overhead) |      |
| Environmental Manager/RSO                                         | \$33.47                                | \$43.51                              | hour |
| Restoration Manager/Hydrologist                                   | \$26.17                                | \$34.02                              | hour |
| Operator                                                          | \$20.24                                | \$26.31                              | hour |
| Laborer                                                           | \$13.12                                | \$17.06                              | hour |
| Engineer                                                          | \$29.12                                | \$37.86                              | hour |
| Radiation/Environmental Engineering Technician                    | \$18.92                                | \$24.60                              | hour |
| 2,080 working hours in a month                                    | 173                                    | hours per month                      |      |
| Chemical Costs                                                    |                                        |                                      |      |
|                                                                   | 2009 Actual (includes profit/overhead) |                                      |      |
| Antiscalant for RO                                                | \$16.19                                | gal                                  |      |
| Cheese Whey                                                       | \$1.08                                 | gal                                  |      |
| Methanol                                                          | \$2.43                                 | gal                                  |      |
| Cement                                                            | \$5.94                                 | sack                                 |      |
| Bentonite Tubes                                                   | \$2.90                                 | tube                                 |      |
| Plug Gel                                                          | \$7.30                                 | sack                                 |      |
| Well Cap                                                          | \$1.27                                 | each                                 |      |
| Hydrochloric Acid                                                 | \$0.16                                 | pound                                |      |
| Analytical Costs                                                  |                                        |                                      |      |
|                                                                   | 2009 Actual (includes profit/overhead) |                                      |      |
| Guideline 8 (contract lab)                                        | \$333.00                               | analysis                             |      |
| 6 parameter (contract lab) Est Rate (CPI)                         | \$30.00                                | analysis                             |      |
| Other (radon, bio, etc.) Est Rate (CPI)                           | \$912.00                               | month                                |      |

| CPI Escalators (CPI-U, U.S./West) |         |
|-----------------------------------|---------|
| Not used, it went down            |         |
| Dec 2007 CPI, (urban, West)       | 209.545 |
| Dec 2008 CPI (urban, West)        | 208.088 |
| Escalation Factor                 | -0.700  |

| Capital Program Costs                            |                    |
|--------------------------------------------------|--------------------|
| Deep Disposal Well, SW Area                      | \$1,900,000        |
| RO Unit, CPP                                     | \$500,000          |
| RO Unit, Reynolds Ranch                          | \$500,000          |
| Decarbonator, CPP                                | \$50,000           |
| Chipper                                          | \$50,000           |
| BFI Container x 2                                | \$7,800.00         |
| *NRC License/Inspection Fees (1/2 of \$58606/yr) | \$793,030          |
| <b>TOTAL Capital Costs</b>                       | <b>\$3,808,630</b> |

\*Fees are split between Highland Uranium Project and Smith Ranch

Note: profit as used in this spreadsheet, indicates profit to the third party.

Cameco Resources  
Smith Ranch - Highland Uranium Project  
Surety Estimate

Equipment Costs (includes profit and overhead)

| <u>Equipment</u>                                | <u>Base Rental<br/>Rate (\$/hr)</u> | <u>Labor Costs (\$/hr)</u> | <u>Repair Reserve<br/>Costs (\$/hr)</u> | <u>Fuel Costs (\$/hr)</u> | <u>Mob &amp; Demob<br/>(\$/hr)</u> | <u>Total (\$/hr)</u> |
|-------------------------------------------------|-------------------------------------|----------------------------|-----------------------------------------|---------------------------|------------------------------------|----------------------|
| Cat 924G Loader                                 | \$80.00                             | N/A                        | inc                                     | inc                       | inc.                               | \$80.00              |
| Cat 416 Backhoe                                 | \$80.00                             | N/A                        | inc                                     | inc                       | inc.                               | \$80.00              |
| Shredder                                        | \$12.00                             | N/A                        | inc                                     | inc                       | inc                                | \$12.00              |
| Cat D8N Bulldozer                               | \$110.00                            | N/A                        | inc                                     | inc                       | inc.                               | \$110.00             |
| Pulling Unit with Operator                      | \$110.00                            | inc                        | inc                                     | inc                       | inc                                | \$110.00             |
| MIT Unit with Operator                          | \$110.00                            | inc                        | inc                                     | inc                       | inc                                | \$110.00             |
| Drill Rig (workover, repair, P&A) with Operator | \$148.84                            | inc                        | inc                                     | inc                       | inc                                | \$148.84             |
| Manlift Rental                                  | \$50.00                             | inc                        | inc                                     | inc                       | inc                                | \$50.00              |
| Crane Rental                                    | \$110.00                            | inc                        | inc                                     | inc                       | inc                                | \$110.00             |

Basis:  
Cat 924G, 416 rental rates from Russell Construction (Jan 09), drill rig based on current contracts  
Diesel estimated  
Pulling Unit cost based on Pronghorn Pump and Repair (Jan 09)

\$2.689      gallon

Waste Disposal Costs (profit/overhead included)

| <u>Waste Form</u>                               | <u>Fee</u> |          | <u>Density<br/>Correction Factor<br/>(Tons Yd3)</u> | <u>Fee per Cubic<br/>Yard</u> | <u>Transport Cost</u> |          | <u>Total<br/>Transportation<br/>and Disposal</u> |          |
|-------------------------------------------------|------------|----------|-----------------------------------------------------|-------------------------------|-----------------------|----------|--------------------------------------------------|----------|
| Soil, Concrete Bulk Byproduct Material          | \$185.19   | per Ton  | 0.54                                                | \$100.00                      | \$41.00               | per Yd3  | \$141.00                                         | per Yd3  |
| Unpackaged Bulk Byproduct Material (e.g., pipe) | \$707.15   | per Ton  | 0.42                                                | \$297.00                      | \$41.00               | per Yd3  | \$522                                            | per ft3  |
|                                                 |            |          |                                                     |                               |                       |          | \$338.00                                         | per Yd3  |
| Solid Waste (landfill)                          | \$0.00827  | per Lb   |                                                     |                               | Incl.                 | per Lb   | \$12.52                                          | per ft3  |
| Solid Waste (landfill)                          | \$133.75   | per Load |                                                     |                               | Incl.                 | per Load | \$0.00827                                        | per Lb   |
| Void Factor (for disposal)                      | 1.25       |          |                                                     |                               |                       |          | \$133.75                                         | per Load |

**Cameco Resources**  
**Smith Ranch - Highland Uranium Project**  
**Surety Estimate**

| Guideline No. 12 Unit Costs (includes profit)                                               |                |                                      |                |                        |
|---------------------------------------------------------------------------------------------|----------------|--------------------------------------|----------------|------------------------|
| Paragraph 12. Miscellaneous (Administrative, Overhead and Contingency)                      |                |                                      |                |                        |
| Extrapolated percentage based on numbers provided                                           |                |                                      |                |                        |
|                                                                                             |                |                                      | 15             | percent                |
| App K. Cost Estimates for Demolition and Removal of Railroad Spurs and Facilities Buildings |                |                                      |                |                        |
| Task                                                                                        | Cost per unit  | Regional Cost Adjustm                | Overhead (10%) | Adjusted Cost per Unit |
| Mixture of Types                                                                            | \$0.24 fl3     | 0.974                                | \$0.02         | \$0.258 fl3            |
| Explosive Demolition, Concrete or Steel                                                     | 0.22 fl3       | 0.974                                | \$0.02         | \$0.236 fl3            |
| Disposal (Average)                                                                          | 3.41 cy        | 0.974                                | \$0.84         | \$9.032 cy             |
| City Landfill Dump Charges                                                                  | \$95.00 ton    | 0.974                                | \$9.50         | \$102.030 ton          |
| Concrete Footings and Foundations                                                           |                | 0.974                                |                |                        |
| 6" Thick with Rebar                                                                         | 4.73 fl2       | 0.974                                | \$0.47         | \$5.080 fl2            |
| Footings - 2' Thick, 3' Wide                                                                | 16.85 lin. ft. | 0.974                                | \$1.69         | \$18.097 lin. ft.      |
| Concrete Disposal On-Site                                                                   | 7.04 cy        | 0.974                                | \$0.70         | \$7.561 cy             |
| App C. Calculations for Moving Materials with a Caterpillar 637G Push-Pull Scraper Fleet    |                |                                      |                |                        |
|                                                                                             |                | Operating Cost per bank (in situ)    |                |                        |
| One-Way Distance 500 feet, 0% grade                                                         |                | \$0.994                              | \$0.10         | \$1.093 bey            |
| One-Way Distance 1,000 feet                                                                 |                | \$1.187                              | \$0.12         | \$1.306 bey            |
| One-Way Distance 2,000 feet                                                                 |                | \$1.538                              | \$0.15         | \$1.692 bey            |
| App E. Calculations for Moving Material with a Caterpillar D9R Dozer                        |                |                                      |                |                        |
|                                                                                             |                | Operating Cost per linear cubic yard |                |                        |
| Distance 50 feet                                                                            |                | \$0.118                              | \$0.01         | \$0.130 ley            |
| App H. Cost Estimates for Handling Wire Fencing and Electrical Power Lines                  |                |                                      |                |                        |
| Fencing Removal                                                                             |                | \$0.50                               | \$0.05         | \$0.55 linear foot     |
| App I1. Cost Estimate for Ripping Overburden Using a Caterpillar D10R Dozer                 |                |                                      |                |                        |
|                                                                                             |                | Operating Costs                      |                |                        |
| 0.27 acre/hour                                                                              |                | \$282.99                             | \$28.30        | \$311.29 per hour      |
|                                                                                             |                |                                      |                | \$1,152.92 per acre    |
| App L. Abandonment and Sealing of Cased Drill Holes and Monitor Wells                       |                |                                      |                |                        |
| Site Grading                                                                                |                | \$30.00                              | \$3.00         | \$33.00 per site       |
| Seeding                                                                                     |                | \$1.00                               | \$0.10         | \$1.10 per site        |

| Seeding Unit Costs (includes profit/overhead)  |                  |
|------------------------------------------------|------------------|
| Discing / Seeding/Topsoil Costs                | 2008 Actual      |
| Seed cost                                      | \$85.28 per acre |
| Hay Mulch Crimped and Tackifier Soil Amendment | \$600 per acre   |
| Seed and Mulch                                 | \$685 per acre   |
| Depth of Topsoil                               | 0.5 feet         |