

FINAL REPORT

Remediation and Final Status Survey Former Monazite Sand Storage Area

**North Fence Area, Recreation Area, and Center Tank Area
Naval Station Great Lakes – Great Lakes, Illinois**

**Project USN 2000-003, Phase IV
CABRERA Project Number 05-3060.01**

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Prepared for:



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EXECUTIVE SUMMARY

Cabrera Services, Inc. (CABRERA), under contract to the United States (U. S.) Army Field Support Command (AFSC), performed remediation of thorium-232 (Th-232) contamination and conducted post-remediation Final Status Surveys (FSS) of portions of the former Monazite Sand Storage Area located at Naval Station Great Lakes in Great Lakes, Illinois. Remediation and FSS activities were performed during 2005 with oversight by the Naval Sea Systems Command Detachment (NAVSEADET) Radiological Affairs Support Office (RASO). The work was performed in general accordance with AFSC's Scope of Work (SOW) dated 14 September 2004 and Work Plans (CABRERA 2004a and 2004b), the latter approved by AFSC and RASO.

Scope of Work

Remediation and FSS activities were performed in the North Fence Area (NFA), Recreation Area (RA), and Center Tank Area (CTA) of the former Monazite Sand Storage Area hereafter referred to collectively as the "Site." Project activities performed during 2005 included:

- Excavation, transport, and off-site disposal of soil and associated debris containing radionuclide of concern (ROC) from the NFA, RA, and CTA;
- Performance of a post-remediation FSS of the NFA, CTA, and RA in accordance with Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) guidance (Department of Defense, Department of Energy, Environmental Protection Agency & Nuclear Regulatory Commission [DoD *et al.*] 2000);
- Removal, transport, and off-site disposal of portions of a stockpile of radiologically-contaminated soil and debris generated during a previous Site remediation (Phase III); and
- Site restoration and covering the remaining stockpile for future disposition.

Remediation

Remediation of soil from the NFA, CTA, and RA was based on a previously-established Derived Concentration Guideline Level (DCGL_w) for Th-232 of 1.0 picocurie per gram (pCi/g) above Site background. A Reference area (i.e., background) survey was performed during previous work (CABRERA 2004a), the results of which were used to establish a Site background radionuclide concentration of 0.7 pCi/g. A Site action level of 1.7 pCi/g was established based on the sum of the minimum Reference Area result of 0.7 pCi/g and the Site DCGL_w of 1.0 pCi/g above background.

Contaminated soil was excavated from areas identified in the above-referenced SOW and Work Plan using a crawler excavator. The remains of inactive railroad spurs were removed to facilitate excavation of the contaminated soil. Wood railroad ties were sized using the excavator and temporarily segregated from excavated soil pending receipt of off-site laboratory analyses performed for disposal characterization purposes. The railroad ties were later packaged for transport and disposal with removed soil following receipt of off-site laboratory results confirming the railroad ties did not exceed Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic Leaching Procedure (TCLP) thresholds for “mixed waste” as defined in Title 40, Part 261 of the *Code of Federal Regulations* (40 CFR 261) (U. S. Environmental Protection Agency 2005).

Steel portions of removed rail spurs were decontaminated and provided to an on-base Navy Defense Reutilization and Management Office (DRMO) located on property adjacent to the Site. The steel was recycled following a free release survey performed in accordance with Standard Operating Procedures contained in CABRERA’s U. S. Nuclear Regulatory Commission (NRC) license.

Soil was excavated from the NFA, CTA, and RA, targeting the areas designated in the above-referenced SOW and Work Plan. Soil was excavated in lifts, up to a maximum total depth of four feet (ft) below ground surface (bgs) in some locations. Gamma Walkover Surveys (GWSs), additional radiological screening, and on-site radiological laboratory analysis of soil samples were used to guide excavation, while minimizing “over-excavation” of soil with Th-232 concentrations below the Site action level. The on-site radiological analysis was performed using CABRERA’s on-site gamma spectroscopy laboratory (a high purity germanium [HPGe] coaxial detector), which was also used for the FSS as described below.

Approximately 10 cubic yards (CY) of contaminated soil were excavated from the NFA, with the total excavation depth averaging approximately four feet bgs. As indicated below, contaminated soil was removed from the NFA until FSS results confirmed the Site action level was met at the limits of excavation.

A petroleum-like odor was evident in soil immediately north of the NFA during remediation of Th-232 contaminated soil in the same location. No petroleum odor was present in soil excavated from the NFA itself. At the request of RASO, a soil sample was collected from the area immediately north of the NFA and submitted for off-site laboratory analysis, which confirmed the presence of petroleum. Characterization and remediation of petroleum contamination is not part of the scope of work described herein and therefore was not performed during this project.

A combined total of 1,340 CY of contaminated soil and debris were removed from the CTA and the abutting RA to the south. Removal of contaminated soil from these areas proceeded until the Site action level was met at the depth of excavation. With the concurrence of AFSC and RASO, contaminated soil was removed to a greater depth in portions of the CTA and RA than originally planned.

As indicated below, excavation in the CTA proceeded to the boundary of the abutting RA to the south, and until the FSS results of the Site action level were met at the horizontal limits of excavation to the west. At the direction of AFSC and RASO, CABRERA ceased excavation approaching northern boundary of the original CTA Class 1 Survey Unit (SU) without achieving the Site action level. Likewise, excavation was terminated approaching the eastern boundary of the original CTA and RA Class 1 SUs without achieving the Site action level.

Waste Packaging, Transport, and Off-site Disposal

Soil removed from the NFA, CTA, and RA, as well as 1,300 CY from a stockpile from previous remediation efforts at the Site, was loaded into intermodal (IP1) containers using a front-end loader and the excavator. A total of 2,124 tons of “unimportant quantities of source material” were transported in 104 intermodal containers by truck and rail to the U. S. Ecology landfill facility in Grandview, Idaho (USEI) for disposal. Using an estimated density of 1.35 tons per cubic yard, an estimated volume of 1,575 CY contaminated soil and debris were transported to and disposed at USEI during the 2005 mobilization.

At the direction of AFSC and RASO, CABRERA placed soil and debris (with concentrations above the current Site action level) in excess of the quantity budgeted for off-site transport and disposal in a stockpile at the northwest corner of the CTA Class 1 SU. Approximately 875 CY of waste are currently present in that stockpile, which was covered with anchored tarps prior to CABRERA’s demobilization from the Site in 2005.

Final Status Survey

CABRERA performed a FSS of the NFA, CTA, and RA following excavation. The FSS was performed in accordance with MARSSIM (DoD *et al.* 2000)-compliant guidance and the approved Work Plans, and included a GWS over 100% of the remediated areas and statistical analysis of the GWS data, followed by the collection and gamma spectroscopy analysis of biased and systematic soil samples from the limits of excavation. All GWS data were collected using two-inch by two-inch sodium iodide (NaI) detectors and global positioning system (GPS) with data logging capabilities. Collected GWS data were statistically analyzed to identify areas where the highest concentrations of elevated surface radioactivity remained. Biased soil samples were collected from areas exhibiting the highest concentrations of elevated surface radioactivity. Systematic surface soil samples were also collected within the remediated areas using a systematic triangular grid pattern with a random start point to provide inputs for Wilcoxon Rank Sum (WRS) test calculations.

Final Status Survey results confirmed the Site action level was met in both the Class 1 and Class 2 SUs for the NFA. NRC representatives reviewed results of the FSS and verbally indicated their concurrence that the action level had been met for the NFA.

Final Status Survey results indicated the Site action level was also met within excavated areas of the CTA and RA. The FSS indicated the project Site action level was not met at some locations approaching the eastern boundary of the CTA and RA Class 1 SU, as well as portions of the northern boundary of the Class 1 SU for the CTA. The FSS could not be performed in the northwest corner of the CTA Class 1 SU where contaminated soil was stockpiled from the remediation excavation efforts.

A FSS was not performed in the original Class 2 SUs surrounding the CTA and RA due to the presence of contamination exceeding the Site action level near the eastern boundary of the CTA and RA Class 1 SUs as well as the northern border of the RA Class 1 SU, and the presence of the contaminated soil stockpile at the northwestern corner of the CTA Class 1 SU.

NRC representatives reviewed results of the FSS and verbally indicated their concurrence that the Site action level had been met within remediated portions of the CTA and RA. NRC representatives also indicated that additional characterization and potential remediation is necessary to the north and east of the current limits of excavation in the CTA and RA.

A NRC representative discovered a previously unknown area of elevated radioactivity during an informal walkover in the vicinity of the former Monazite Sands Storage Area on July 6 and 7, 2005. Specifically, 40,000 to 60,000 counts per minute (cpm) were detected using a two-inch by two-inch NaI detector. The elevated measurements were located in surface soil immediately behind a concrete headwall for a stormwater outfall. The outfall is located approximately 300 ft east-northeast of the former Monazite Sands Storage Area, across Mississippi Street, south of its intersection with West Colorado Avenue. At the request of AFSC and RASO, CABRERA performed field gamma spectroscopy analysis of a surface soil sample collected from behind the aforementioned stormwater outfall. Thorium-232 was detected at a concentration of 21 pCi/g in that sample, exceeding the Site action level of 1.7 pCi/g Th-232.

Site Restoration and Demobilization

CABRERA restored each of the three remediated areas to original condition at the request of AFSC and RASO. NRC gave verbal concurrence that the Site action level in the identified locations was met. Restoration consisted of placing clean fill material in the excavated area and grading. A total of 2,721 tons of backfill material, consisting of Grade 9 gravel and cage screenings, were placed and machine compacted. As approved by AFSC, gravel was used for backfilling all of the NFA and RA to allow the Navy to use these areas for vehicular traffic and/or parking in the future.

The entire NFA was restored. That portion of the RA where the Site action level was met was restored. Most of the CTA where the Site action level was met was restored. At the request of AFSC, a small area in the northwestern corner of the CTA was not backfilled based on quantity limitations in the SOW.

Prior to backfilling, CABRERA placed woven geotextile fabric at the limits of excavated areas where FSS results confirmed the Site action level had been met to serve as a visual indicator of the extent of completed remediation. The GPS coordinates of the horizontal limits of remediated areas of the NFA, CTA, and RA were also recorded for documentation purposes.

As agreed by AFSC and RASO, orange snow fence was placed around the perimeter of the contaminated soil pile and the open excavation at the northwest corner of the CTA. Final Status Survey soil samples for the Phase IV remediation were placed in a secure sample storage locker in Building 3216 at the request of the Navy prior to demobilization.

Conclusions

Remediation and Final Status Surveys were performed in the NFA, CTA, and RA. Remediation and FSS efforts completed in both Class 1 and Class 2 SUs support unconditional release of the NFA. Remediation and FSS results support unconditional release of the RA Class 1 SU, and the remediated portions of the CTA Class 1 SU. At the request of AFSC and RASO, Th-232-contaminated soil excavated from these remediation activities that exceeded Phase IV SOW quantities was stockpiled at the northwest corner of the CTA.

Thorium-232 was detected in subsurface soil at concentrations above the current Site action level east of the RA Class 1 SU as well as east and north of the Class 1 SU for the CTA. Those data suggest that contamination exceeding the current Site action level may extend beneath Building 3214. The NRC also detected Th-232 above the Site action level approximately 300 linear feet east-northeast of the Site, across Mississippi Street, in surface soil behind a concrete headwall for a stormwater outfall. Additional contaminated soil exceeding the current Site action level was not remediated at the request of AFSC and RASO because it exceeded the Phase IV SOW limits, in both geography and quantity. A FSS of Class 2 SUs surrounding the CTA and RA could not be performed due to the action level exceedances and presence of the contaminated soil stockpile.

Recommendations

CABRERA recommends AFSC and RASO consider the following activities to facilitate Site closure, allowing the property to return to productive use:

- Reconsider future land use in light of the discovery of additional subsurface soil contamination, and possible revision of the project cleanup goal to reflect industrial land use scenario for portions of the Site;
- Perform a comprehensive review of historical records, and subsequent development of a Triad-based investigation strategy for completing the remaining final phase of site characterization, including use of a mobile, on-site radiological laboratory to facilitate timely decision-making;
- Evaluate alternatives and develop a recommended approach to remediating the remaining *in-situ* Th-232 contamination, with consideration being given to soil mixing;
- Obtain NRC and stakeholder concurrence on a (potential revised) project DCGL, and a work plan for characterization, remediation, and FSS of remaining contamination; and
- Perform the final site characterization, remediation, and FSS, and document results in a final Remedial Action Completion Report.

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ACRONYMS AND ABBREVIATIONS

μR/h	Microroentgen per Hour
%	percent
Ac-228	actinium-228
AEC	U. S. Atomic Energy Commission
AFSC	U. S. Army Field Support Command
Am-241	americium-241
bgs	below ground surface
Bi-214	bismuth-214
CABRERA	Cabrera Services, Inc.
CFR	Code of Federal Regulations
CHP	Certified Health Physicist
Co-60	cobalt-60
cpm	counts per minute
Cs-137	cesium-137
CTA	Center Tank Area
CY	cubic yard
DCGL	Derived Concentration Guideline Level
DCGL _{EMC}	Used when small areas of elevated radioactivity exist within larger areas (“ _{EMC} ” stands for elevated measurement comparison).
DoD	U. S. Department of Defense
DOT	U. S. Department of Transportation
DRMO	Defense Reutilization and Marketing Office
FSS	Final Status Survey
ft	feet
FWHM	Full Width at Half Maximum
GIS	Geographic Information System
GPS	Global Positioning System
GWS	gamma walkover survey
HEPA	High-Efficiency Particulate Air
HPGe	High Purity Germanium
K-40	potassium-40
keV	kiloelectron volt
LF	linear feet
m ²	square meter

ACRONYMS AND ABBREVIATIONS (CONTINUED)

MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDC	minimum detectable concentration
NAD	North American Datum
NaI	sodium iodide
NAVSEADDET	Naval Sea Systems Command Detachment
NFA	North Fence Area
NIST	National Institute of Standards and Technology
NNDC	National Nuclear Data Center
NRC	U. S. Nuclear Regulatory Commission
Pb-214	lead-214
POL	petroleum, oil, and lubricant
pCi/g	picocurie per gram
QA	Quality Assurance
QC	Quality Control
RA	Recreation Area
Ra-226	radium-226
RASO	Radiological Affairs Support Office
RCRA	Resource Conservation and Recovery Act
Rn-222	radon-222
ROCs	radionuclides of concern
SOW	Scope of Work
SU	survey unit
TCLP	Toxicity Characteristic Leaching Procedure
Th-232	thorium-232
TPH	total petroleum hydrocarbons
U-235	uranium-235
U. S.	United States
USEI	U. S. Ecology, Grandview, Idaho
VOC	volatile organic compound
WRS	Wilcoxon Rank Sum (statistical test)

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1.0 INTRODUCTION AND BACKGROUND

Cabrera Services, Inc. (CABRERA), under contract to the United States (U. S.) Army Field Support Command (AFSC), performed remediation of thorium-232 (Th-232) contamination and conducted post-remediation Final Status Surveys (FSS) of portions of a former Monazite Sand Storage Area located at the Naval Station Great Lakes in Great Lakes, Illinois (see Figure 1). Remediation and FSS activities were performed during 2005 with oversight by the Naval Sea Systems Command Detachment (NAVSEADET) Radiological Affairs Support Office (RASO). The work was performed in accordance with AFSC's Scope of Work dated 14 September 2004 and Work Plans (CABRERA 2004a and 2004b), the latter approved by AFSC and RASO.

This report presents relevant background information, summarizes the three prior phases of site investigation and remediation, summarizes the Scope of Work (SOW), and describes the Phase IV remediation performed during 2005. Conclusions and recommendations are provided in Sections 6.0 and 7.0, respectively.

1.1 Site History

The Site is located in the Naval Training Center Great Lakes, Illinois; portions of the Site included in this project are shown in Figure 2 (i.e., Center Tank Area, Recreation Area, etc.). The U. S. Atomic Energy Commission (AEC) granted a license (License Number SMC-12078179) to Engelhard Minerals & Chemicals Corporation, authorizing "repackaging of monazite sands in U. S. Department of Transportation (DOT) approved containers" on July 12, 1974. These operations were confined to the following locations: Savannah Army Depot, Savannah, Illinois; Army Ammunitions Plant, Ravenna, Ohio; and U.S. Navy Administrative Command, Supply Depot (currently referred to as Naval Station Great Lakes), Great Lakes, Illinois. The former AEC license indicated that 1,826,153 pounds of monazite sand containing 9.226 percent (%) of thorium oxide was held at Naval Station Great Lakes prior to shipment off site. Records show that monazite sand was shipped to W. R. Grace & Company, Chattanooga, Tennessee. The sand was shipped from Great Lakes and Savannah, Illinois (from September through October 1974; and from Ravenna during November 1974. No records have been found indicating that a closeout survey of the monazite sand storage area (the Site described herein) was conducted prior to CABRERA's efforts beginning in 2000.

Monazite is a rare earth phosphate containing a variety of rare earth oxides particularly cerium and thorium oxide. Thorium has wide industrial applications and has been mined as monazite sand since the 1930s. Monazite typically contains five to seven % by volume of radioactive thorium and 0.1 to 0.3% of uranium; isotopes from the thorium series dominate.

The area where monazite sands were formerly stored at Naval Station Great Lakes encompasses 90,000 square yards in a former tank farm area located west of Mississippi Street, 300 linear feet (LF) southwest of its intersection with West Colorado Avenue (Figure 2).

1.2 Summary of Previous Radiological Characterization and Remediation

1.2.1 Phase I

The U. S. Nuclear Regulatory Commission (NRC) discovered the presence of elevated gamma radiation above background in several locations north of the former monazite sands storage area during a facility inspection on January 19, 2000. Surface dose rates of 80 microrentgen per hour ($\mu\text{R/h}$) were observed along the northern boundary of the “North Fence Area” (NFA).

Characterization and remediation of radiological contamination at the former monazite sand storage area has been performed in multiple phases since the discovery of contamination in 2000. CABRERA performed a radiological scoping survey in March 2000, that identified locations of elevated gamma activity, and by gamma spectroscopy identified the presence of thorium-232 (Th-232) and Th-232 daughter products. The focus of this (Phase I) characterization effort was a portion of the Site formerly known as Tank Farm Number 5. Gamma radiation levels above the ambient level were identified along the north fence line; in locations surrounding and between Tanks H, L, and K. Six soil samples were collected from areas where elevated gamma radiation levels were observed and analyzed for Th-232 using gamma spectroscopy. Analytical results for the samples indicate that Th-232 concentrations ranged from 0.93 picocuries per gram (pCi/g) to 64.31 pCi/g, with an average activity concentration of 17 pCi/g. A buried sound-powered phone jack containing radium was also found below ground level near the southeast corner of a then-existing soil pile located in the northwest corner of the Site. The soil pile was created during construction of the adjacent Building 8012.

CABRERA also performed a FSS of the “construction zone” immediately surrounding Building 8012 (see hatched area designated in Figure 2) in 2000. That survey was based on the Navy’s conceptual model that contamination was surficial in nature. CABRERA (2000) submitted a report documenting the results of the Phase I characterization and FSS. NRC authorized release of these SUs based on the Phase I report.

1.2.2 Phase II

In 2004 (Phase II), CABRERA characterized and removed the (now former) soil pile located in the northwest corner of the Site that was created during the construction of Building 8012. The northwest soil pile, prior to remediation, covered an area 100 feet (ft) by 50 ft and was 16 ft high. The pile was reconfigured to facilitate remediation and to ensure uniformity of SUs. Remediation occurred incrementally, with soil removed from the pile in one-foot lifts. Each lift was evaluated as a *Multi-Agency Radiation Survey and Site Investigation Manual* (MARSSIM) (DoD *et al.* 2000) Class 1 SU. The highest concentration of Th-232 identified in the soil pile was 2.7 pCi/g. The FSS results indicated most of the northwest soil pile (approximately 1,730 cubic yards [CY]) was suitable for release for unrestricted use. This soil was beneficially reused to provide additional cover material at a nearby, on-Base landfill.

Approximately 70 CY of soil from the northwest pile exceeded the derived concentration guideline level (DCGL) of 1 pCi/g above site background established by the Navy and were disposed off site at the U. S. Ecology, Grandview, Idaho (USEI) facility as “unimportant quantities of source material” as defined in Title 10, Part 40 of the *Code of Federal Regulations* (10 CFR 40), Section 13 (NRC 2005a). The soil pile was remediated to one foot above ground surface. The remaining footprint of the northwest soil pile is located to the west of Building 8012.

Radiological characterization surveys were also performed on the one-foot thick base of the northwest soil pile and the one-foot soil layer beneath it, with Th-232 concentrations ranging from -0.13 to 1.1 pCi/g. These radiological surveys also identified elevated concentrations of radium-226 (Ra-226) at the base and beneath the southeast corner of the soil pile, with Ra-226 concentrations ranging up to 120 pCi/g. These Ra-226 concentrations, however, are assumed to be attributable to radioactive commodities containing Ra-226. It should be noted that the NRC does not regulate Ra-226 at the Site. Details about radionuclides of concern (ROCs) for this Site are provided in Section 2.0 of this report.

The SOW for Phase II also included remediation and FSS of the NFA. At the direction of RASO, only characterization surveys were performed for the NFA; however, these NFA characterization surveys were performed using MARSSIM (DoD *et al.* 2000) compliant FSS guidance to support future NFA FSS evaluations (Phase III). Radiological characterization surveys within the NFA consisted of: (1) a GWS with 100% coverage of accessible areas; (2) collection and gamma spectroscopy analysis of systematic surface soil samples (zero to six inches below ground surface [bgs]); and (3) collection and gamma spectroscopy analysis of biased soil samples (collected in areas of elevated radioactivity identified during the GWS). The highest concentration of Th-232 in soil samples collected from the NFA was 8.6 pCi/g. Approximately 170 CY of NFA soils exceeding the Site action level were excavated and disposed at the USEI facility as unimportant quantities of source material. CABRERA (2004c) submitted a final report documenting the results of the Phase II work. Additional remediation and FSS of the NFA and characterization and remediation activities within the Recreation Area (RA) and Center Tank Area (CTA) were scheduled to be continued during Phase III at the request of AFSC and RASO as contract quantity limits were reached in the Phase II work.

1.2.3 Phase III

CABRERA remobilized and performed (Phase III) remediation and FSS of the NFA, and radiological characterization surveys and remediation within the RA and CTA later in 2004. Soil within the NFA was removed to a maximum depth of two feet bgs. The highest concentration of Th-232 in the excavated NFA soils was 10.1 pCi/g. Approximately 265 CY, or 385 tons, of contaminated soil that exceeded the Site action level were removed from the NFA and transported to the USEI facility for disposal as unimportant quantities of source material.

One Class 1 and one Class 2 FSS SU were established for the NFA following remediation, consistent with MARSSIM (DoD *et al.* 2000) compliant guidance. The FSS consisted of a 100% GWS of the Class 1 and Class 2 SUs, and subsequent collection and laboratory analysis of biased and systematic soil samples. Sample collection was primarily limited to the surface, from zero to six inches bgs. Biased surface soil samples were collected in areas of elevated gamma fluence and, at a minimum, at the location of the highest measured gross gamma count rate in each SU. Analytical results for FSS samples collected from both NFA SUs were below the project action level of 1.7 pCi/g Th-232. The NRC collected confirmatory surface soil samples within the NFA at the end of the Phase III work, and reported one sample (designated NRC-2) that slightly exceeded the Site action level.

Characterization of Th-232 soil contamination within the RA and CTA was also performed during the Phase III work, including: a 100% GWS, collection and analysis of soil samples, and downhole radiological logging. Systematic and biased soil samples were collected from 82 borings to a maximum depth of eight feet bgs utilizing Geoprobe® direct-push drilling and continuous soil coring. The characterization surveys identified Th-232 contamination within the RA and CTA with concentrations as high as 40.7 pCi/g. Results of the characterization efforts were documented in *Technical Memorandum Characterization of Recreation and Center Tank Area Soils, Former Monazite Sand Storage Area - Naval Station Great Lakes* (CABRERA 2004d).

Remediation was performed within the RA and CTA subsequent to the characterization surveys, and consisted of excavating and stockpiling an estimated 1,300 (*ex-situ*) CY of contaminated soil. Soil exceeding the Site action level was temporarily staged on polyethylene plastic sheeting in a stockpile located in the northwest corner of the Site. The soil stockpile was also covered with polyethylene sheeting. CABRERA submitted an interim draft report (CABRERA 2005) documenting the results of the Phase III remediation effort. Further remediation and the FSS of the RA and CTA were rescheduled for Phase IV at the request of AFSC and RASO as contract quantity limits were reached in the Phase III work.

1.3 Scope of Work for Phase IV

Additional (Phase IV) remediation and FSS efforts in the NFA, CTA, and RA were performed in 2005. Results of that effort are documented in this report. The Phase IV work was performed in general accordance with:

- *SOW for Radiological Remediation Great Lakes Naval Training Center, USN 2000-003, Phase III and I, Revision 2, FSC Basic Ordering Agreement Document DAAA09-03-D-0029, Delivery Order 0017, dated 08 July 2004; W52P1J-04-D-0007, Delivery Order 0001; and CABRERA proposal 05-022, Revision 2, dated 25 September 2005, including:*
 - Removal of soil in the NFA, RA, and CTA exceeding the Site action level of 1.7 pCi/g Th-232, and
 - Design and performance of a post-remediation MARSSIM (DoD *et al.* 2000) based FSS for unrestricted release of the NFA, RA, and CTA.

- *Work Plan for the Characterization of the Recreation and Center Tank Areas and Radiological Remediation and Final Status Survey of the North Fence Area, Former Monazite Sand Storage Area, Naval Station Great Lakes – Great Lakes, Illinois (CABRERA 2004a)*
- *Work Plan for the Remediation of the Recreation and Center Tank Areas and Site Wide Final Status Survey, Former Monazite Sand Storage Area, Naval Station Great Lakes – Great Lakes, Illinois (CABRERA 2004b)*

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2.0 RADIOLOGICAL OVERVIEW

Thorium-232 is the Site ROC. The Phase I and Phase II characterization surveys (CABRERA 2000 and 2004c) confirmed the presence of Th-232 in secular equilibrium with its progeny in soil samples collected from the Site. There is no evidence of chemical or physical processes that could disturb this equilibrium. Based on the composition of monazite sands and laboratory analyses, uranium series radionuclides are expected to be present, but in significantly lower concentrations than thorium series radionuclides and are not considered ROCs.

CABRERA is not aware of analytical data supporting the presence of radium in any area except one discrete location at the base of the former northwest soil pile. The NRC does not regulate Ra-226 at the Site and as such is not considered a project ROC for the NFA, RA, and CTA, and is not part of the current SOW.

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3.0 FIELD ACTIVITIES

CABRERA performed the Phase IV remediation between May 31 and August 12, 2005. The scope of the field effort included:

- Excavation of contaminated soil and debris exceeding the current Site action level of 1.7 pCi/g Th-232 from the NFA, CTA, and RA;
- Waste transport and off-site disposal of contaminated soil and debris;
- Post-remediation backfilling and site restoration following MARSSIM (DoD *et. al.* 2000) compliant FSS of remediated areas; and
- Free-release survey of equipment and demobilization from the Site.

Remediation activities are described in Section 3.2. Final Status Survey activities are described in Section 3.5, and FSS results are discussed in Section 4.0.

CABRERA notifications to NRC for bringing radioactive sources to and removing them from the site for use on the project are included in Appendix A.

3.1 Mobilization Activities

CABRERA mobilized two personnel to the Site from May 31 to June 2, 2005, who:

- Collected samples of soil and wood (railroad ties) from stockpiles of material excavated during prior (Phase III) remediation for submittal to an off-site laboratory (Paragon Analytics of Fort Collins, Colorado) for disposal characterization analysis;
- Mobilized and installed a Site trailer and supporting utilities, including electrical service and telephone and DSL lines; and
- Re-shaped the Phase III contaminated soil stockpile and collected measurements to better estimate quantities for waste transport and off-site disposal planning purposes.

CABRERA mobilized additional personnel to the Site from June 11 to 17, 2005. One individual demobilized following initial set up of an on-site radiological laboratory. Activities performed during this mobilization included:

- Mobilizing equipment to the Site June 13 to 15, 2005, including: a portable generator, welder (demobilized the same week), crawler excavator, front end loader, bucket scale, aerial lift, sample preparation and laboratory equipment for on-site radiological analyses, field instrumentation, truck and equipment trailer;
- Setting up intermodal staging area and temporary equipment decontamination areas;
- Performing source checks and establishing the on-site gamma spectroscopy laboratory; and

- Installing a bucket scale on loader and performing weight/load tests using an on-Base truck scale for verification.

CABRERA mobilized additional personnel to the Site from June 20 to 24, 2005. Two individuals remained on site to operate CABRERA's on-site radiological laboratory while another individual [project Certified Health Physicist (CHP)] was on site to conduct an internal project audit for health physics, health and safety, quality control (QC), and compliance with CABRERA's NRC license. The project CHP demobilized on June 23, 2005 following completion of the audit.

3.2 Remediation Activities

3.2.1 General Remediation Activities

Historical GWS results were used to delineate and stake specific areas where contaminated soil was to be removed during the Phase IV remediation. Pre-remediation GWS results for the NFA, CTA, and RA are presented in Figures 3 and 4. These results were compiled from GWS conducted during previous field efforts (Phase II for the NFA [CABRERA 2004c] and Phase III for the CTA and RA [CABRERA 2005]). Soil and debris were removed where an area exhibited gamma fluence in excess of the current Site action level and was staged in temporary stockpiles in the northwestern portion of the CTA. Railroad spurs were removed to facilitate soil excavation. The rail lines were removed using torch cutting methods, and the steel was segregated from the wood railroad ties. Contaminated soil was removed using a crawler excavator and front end loader. A local area gross gamma scan survey was conducted following removal of initial lift(s) of contaminated soil to identify soil at greater depths likely to exceed the Site action level. "Remediation support samples" were collected from excavations exhibiting elevated gross gamma scan results and analyzed using gamma spectroscopy in the on-site radiological laboratory. Results from analysis of remediation support zone samples were used to target locations exceeding the Site action level and requiring further excavation. Analytical results for remediation support samples are provided in Appendix B. A formal FSS was performed in the NFA, CTA, and RA following completion of excavation activities.

3.2.2 North Fence Area

3.2.2.1 Remediation Activities

As previously indicated, additional (Phase IV) remediation in the NFA was prompted by laboratory results for NRC confirmatory sample NRC-2, collected following completion of Phase III, which indicated a slight exceedance of the current Site action level. CABRERA performed three rounds of iterative excavation, GWS, and on-site laboratory analysis, resulting in removal of approximately 10 CY of contaminated soil in the immediate vicinity of NRC-2 to a total approximate depth of four feet bgs. CABRERA performed a post-remediation FSS for the NFA, which is described in Section 4.3. CABRERA also collected and performed on-site gamma spectroscopy analysis of five additional "remediation support soil samples" following remediation to further demonstrate the Site action level was met at the limits of excavation in the immediate vicinity of sample NRC-2. The locations of sample NRC-2 and CABRERA's remediation support samples are shown in Figure 5; analytical results for the remediation support samples are presented in Appendix B.

A strong petroleum-like odor was observed in soil immediately north of the limits of the NFA excavation following completion of soil remediation. CABRERA collected a soil sample from immediately north of the NFA excavation and submitted it to Paragon for preliminary characterization purposes at the request of RASO. Laboratory analyses were performed for Resource and Conservation and Recovery Act (RCRA) toxicity characteristic leaching procedure (TCLP) metals, volatile organics compounds (VOCs), and total petroleum hydrocarbon (TPH). The laboratory analysis results, presented in Appendix C, indicated the presence of diesel and/or motor oil petroleum. As confirmed with AFSC and RASO, characterization and remediation of petroleum contamination was not performed as such was not in CABRERA's SOW for the Phase IV work.

3.2.2.2 *Backfilling and Site Restoration*

CABRERA submitted a data package to AFSC and RASO on June 27, 2005 summarizing results of the FSS for the NFA (Appendix D). Written approval to backfill the remediated NFA excavation was received from RASO on July 5, 2005. An NRC representative also reviewed results of the FSS on July 6 and 7, 2005 and indicated verbally that no additional confirmatory samples needed to be collected by the NRC. CABRERA backfilled the NFA excavation to the adjacent grade using both fill material previously stockpiled on site and DOT Grade 9 gravel imported from an off-site borrow source the week ending July 29, 2005. Backfill materials were machine compacted in lifts to facilitate future use of the NFA for parking. Repaving that portion of the NFA where asphalt was removed to facilitate excavation was deferred as agreed by AFSC and RASO until, pending resolution of petroleum contamination matter immediately adjacent to the Site.

3.2.3 *Center Tank Area*

3.2.3.1 *Remediation Activities*

A combined total of 1,340 CY of Th-232-contaminated soil was removed from the CTA and RA. Soil was removed from the CTA to an average depth of 1.5 to 2 feet bgs. Thorium-232 exceeding the Site action level was detected in several portions of the CTA (between Tank H and Building 3214) at greater depths than previously estimated and, following AFSC and RASO approval, was excavated to a total depth of up to three feet bgs. Contaminated soil was removed from the CTA to the horizontal coordinates identified in Figure 6 and Figure 7. Contaminated soil removal in the CTA extended to the boundary of the RA to the south. The horizontal extent of soil removal in the CTA to the west, north, and east approached the original limits of planned excavation identified in the project work plans. As discussed in Section 4.4, FSS results indicated the Site action level was met within the limits of excavation to the south and west. At the direction of AFSC and RASO, excavation was terminated shortly before reaching the originally-planned limits of excavation when remediation quantities reached SOW limits. Gamma spectroscopy analysis results indicated the Site action level was exceeded beyond the originally-planned limits of CTA excavation at some locations to the north and east. The Site action level was also exceeded in a remediation support sample collected from the excavation sidewall beneath the northern edge of a concrete pad extending north from Building 3214.

3.2.3.2 *Backfilling and Site Restoration*

CABRERA submitted a data package (Appendix D) to AFSC and RASO on August 2, 2005, summarizing results of the FSS for the CTA. Written approval to backfill the CTA excavation was received from RASO on August 3, 2005. An NRC representative performed a confirmatory GWS on August 3, 2005 and expressed satisfaction that excavated portions of the CTA Class 1 SU had been adequately remediated. The NRC GWS indicated that radiological contamination may be present along or beneath the Tank H foundation, consistent with elevated GWS and gamma spectroscopy analysis results for remediation support samples collected from that area by CABRERA. Additionally, the NRC representative reviewed on-site radiological laboratory results and indicated verbally that collection and analysis of confirmatory samples would not be needed.

CABRERA backfilled the majority of remediated portions of the CTA Class 1 SU to adjacent grades using DOT Grade 9 gravel and cage screenings obtained from an off-site borrow source. Material was graded and machine compacted in lifts. As agreed by AFSC, backfilling was performed up to the quantity limit specified in the SOW. An open excavation area remained near the northwest corner of the CTA upon completion of backfilling operations. As directed by AFSC, temporary snow fence was placed around the open excavation area. CABRERA completed backfilling and compaction of the CTA Class 1 SU on August 10, 2005.

3.2.4 *Recreation Area*

3.2.4.1 *Remediation Activities*

As already mentioned, a combined total of 1,340 CY Th-232 contaminated soil was removed from the CTA and RA. Contaminated soil was excavated from the RA to an average depth of 1.5 to 2 feet bgs. Contaminated soil was removed from the RA to the horizontal coordinates identified in the Phase IV work plans and in Figures 7 and 8. Thorium-232 exceeding the Site action level was detected in several portions of the RA at greater depths than previously estimated and, following AFSC and RASO approval, was excavated to a total depth of up to four feet bgs. Soil exceeding the Site action level was excavated from areas immediately adjacent and parallel to the western edge of Building 3214 where two Phase III remediation support samples (designated R-RA-064-B-02 and R-RA-067-B-02) exceeded the Site action level. Contaminated soil exceeding the Site action level was also excavated to greater than previously anticipated depths in the vicinity of three additional remediation support samples in the RA, including:

- Sample R-RA-079-B-01, located 25 ft east of Tank L;
- Sample R-RA-070-B-01, located 20 ft west of Building 3214, between the southern third of that building and the former railroad tracks; and
- Sample R-RA-069-B-01, located southeast of Building 3214 near the edge of the Class 1 SU boundary.

As discussed in Section 4.5, the FSS indicated the Site action level was achieved within the RA Class 1 SU. Thorium-232 was detected above the Site action level in remediation support samples collected from immediately beyond the eastern boundary of the RA Class 1 SU.

3.2.4.2 *Backfilling and Site Restoration*

CABRERA submitted a data package to AFSC and RASO on July 27, 2005 summarizing results of the FSS for the RA (Appendix D). Written approval to backfill the RA excavation was received from RASO on July 28, 2005. An NRC representative performed a confirmatory GWS and sampling on July 29, 2005 and verbally indicated their satisfaction with remediation within the footprint of the RA Class 1 SU. CABRERA subsequently backfilled the RA excavation with DOT Grade 9 gravel. Backfill materials were graded and machine compacted in lifts to facilitate future use of the RA for parking. CABRERA completed backfilling and compaction of the RA Class 1 SU on August 5, 2005.

3.3 Temporary On-site Soil Stockpiles

3.3.1 *Phase III Stockpile*

Phase III remediation activities generated 1,300 *ex-situ* CY or 1,755 tons of contaminated soil and debris (assuming an average density of 1.35 tons/CY) being stockpiled in the northwest corner of the Site. This material was removed during the Phase IV remediation effort, along with other Phase IV project-generated wastes, for transport and off-site disposal during the summer of 2005. Additional details on waste packaging, transport, and disposal are provided in Section 3.4.

3.3.2 *Phase IV Stockpile*

At the direction of AFSC and RASO, CABRERA placed soil and debris (with concentrations above the current Site action level) in excess of the quantity budgeted for off-site transport and disposal in a stockpile at the northwest corner of the CTA Class 1 SU (see Figure 9). Approximately 875 CY of waste are currently present in that stockpile, which was covered with anchored tarps and secured with snow fencing prior to CABRERA's demobilization from the Site in 2005.

3.4 Waste Transport and Disposal

Soil removed from the NFA, CTA, and RA, as well as the stockpile from previous remediation efforts at the Site, was loaded into intermodal (IP1) containers using a front end loader and the excavator. A total of 2,124 tons of "unimportant quantities of source material" were transported in 104 intermodal containers by truck and rail to USEI for disposal. Only 104 out of the originally-proposed 105 intermodals were used during the Phase IV remediation. The final empty intermodal was unsuitable for shipment because it arrived at the Site near the end of the project with a damaged cover without sufficient time to obtain a replacement prior to demobilization. Using an estimated density of 1.35 tons per cubic yard, an estimated volume of 1,575 CY of contaminated soil and debris was transported and disposed at USEI during the 2005 mobilization.

Contaminated soil from the NFA, RA, and CTA was characterized during prior site remediation activities and waste profile sheet accepted by USEI. Waste profiles previously accepted by USEI were re-activated for this phase of the project, with additional laboratory data generated to document that railroad ties are not classified RCRA hazardous waste by listing or characteristic. Results of laboratory analysis of samples of railroad ties analyzed by Paragon for RCRA wood preservative-related parameters are presented in Appendix C. The intermodals were transported to USEI in five separate rail shipments. Waste transport documentation (bills of lading) and certificates of disposal are presented in Appendices E and F, respectively.

3.5 Final Status Survey Activities

A FSS was performed subsequent to completion of remediation in the NFA, RA, and CTA in accordance with the project Work Plans.

3.5.1 Gamma Walkover Survey

A GWS was performed for 100% of the accessible areas of SUs in accordance with the project Work Plans. The purpose of the GWS was to identify areas of elevated surface radioactivity. Gamma Walkover Surveys were performed in accordance with MARSSIM (DoD *et. al.* 2000) compliant protocol by walking straight parallel lines over an area while moving the detector in a serpentine motion, two to four inches above the ground surface. Survey passes were approximately one meter apart. As described in the project Work Plans, this survey provided position-correlated instantaneous gross gamma count rates with a recording rate of one record per second. This was accomplished using a GPS with sub-meter accuracy coupled to a two-inch by two-inch sodium iodide (NaI) detector and ratemeter/scaler. A calculation documented in the project Work Plans indicates that the approximate detection sensitivity of the GWS is 1.8 pCi/g for surficially-deposited Th-232 in secular equilibrium with its radioactive daughter products.

Observed averages and standard deviations were used to calculate Z-score values for each gross gamma count rate result in each SU. Color-coded Z-score contour plots were then generated in ArcView geographic information system (GIS) using an inverse-distance weighted average with a weighting factor of inverse distance to the power of one. The Z-score plots represent the number of standard deviations above or below the average for each recorded count rate. This data was used to identify areas of elevated surface radioactivity. Biased surface soil sample locations were established at the location exhibiting the highest Z-score value and also at additional locations exhibiting Z-score values greater than three. Results for each SU, including instantaneous gross gamma count rate, corresponding coordinates, and calculated Z-score values are included as Appendix G. The results of the CTA, RA, and NFA FSS GWS are presented in Figures 6, 8, and 10, respectively.

3.5.2 Systematic Surface Soil Sampling for Wilcoxon Rank Sum Test

Surface soil samples (zero to six inches) were collected from individual SUs, in accordance with the Work Plans, to provide inputs to the Wilcoxon Rank Sum (WRS) test. The minimum number of systematic soil sample locations required for the WRS test, in individual SUs, was established in accordance with MARSSIM (DoD *et. al.* 2000) compliant guidance.

Surface soil samples were collected in the SUs using a systematic triangular grid pattern with a random start point, as described in the project Work Plans. Grid spacing was calculated for individual SUs based on the area of the SU. Random start point coordinates were established using a computer-generated random coordinate set. The ArcMap Spatial Analyst computer program was then used to determine grid node locations where samples would be collected based on the random start point. Grid node coordinates were exported from ArcMap into the GPS, which was used to identify sample locations in the field. The number of such locations and the spatial coverage of the SU were reviewed to ensure an adequate number of sample locations, and that the random start point grid did not miss significant areas of a SU. The CTA, RA, and NFA FSS systematic sample locations are shown in Figures 6, 8, and 10, respectively; FSS results are presented in Appendix H.

Surface soil samples were collected at each systematic sample location, in accordance with CABRERA procedures and the project Work Plans, using stainless steel hand augers, pick axes, or other similar equipment. Collected soil was shaken through a sieve to remove large objects, transferred into a stainless steel bowl, and then thoroughly mixed using a stainless steel spoon. The mixed soil was then transferred into a large Ziplock[®] bag and transferred to the on-site laboratory. The on-site CABRERA Laboratory analyzed samples in one-liter plastic marinelli containers using gamma spectroscopy, as described in Section 3.5.5. Sample chain-of-custody was maintained using chain-of-custody forms to transfer samples to the on-site laboratory for analysis and samples submitted to Paragon for Quality Assurance (QA) analyses.

3.5.3 *Biased Soil Sampling*

Surface soil samples (zero to six inches bgs) were collected at biased locations to identify potential areas of elevated radioactivity. Biased surface soil samples were collected at the locations exhibiting the highest Z-score values and also at additional locations exhibiting Z-score values greater than three, in accordance with the project Work Plans. Biased samples were collected, mixed, containerized, and submitted to the on-site laboratory using the same procedure used for systematic samples. CTA, RA, and NFA FSS biased sample locations are shown in Figures 6, 8, and 10, respectively.

3.5.4 *Soil Sampling in the Reference Area*

Soil sampling within the Reference Area was performed during previous FSS efforts (CABRERA 2004c). Soil samples were collected to facilitate comparison of Th-232 activity concentrations with natural background concentrations using the WRS test. These samples were collected and processed using techniques identical to the systematic samples collected in the NFA, RA, and CTA SUs. The sample locations, however, were selected randomly, based on MARSSIM (DoD *et. al.* 2000) compliant guidance. Reference Area soil sampling was performed to depths of one foot bgs (CABRERA 2004c).

3.5.5 *On-site CABRERA Analytical Laboratory*

On-site gamma spectroscopy analyses were performed on soil samples using a high-purity germanium (HPGe) coaxial detector. The detector was calibrated using a multi-line gamma marinelli standard traceable to the National Institute of Standards Technology (NIST). The NIST source certification is included in Appendix I. Soil samples were prepared for analysis following collection, in accordance with procedures identified in the project Work Plans, by heating in an industrial microwave oven for moisture removal [exhaust vented through a High-Efficiency Particulate Air (HEPA) filtration system] and screening through a Number 4 sieve to provide a homogeneous distribution of material throughout each sample for accurate analysis.

A trained operator controlled the gamma spectroscopy system in accordance with CABRERA's standard operating procedures approved for use on site. The operator performed spectral analysis during each measurement, which encompassed the evaluation of spectra for problems such as peak shift, high dead-time, and other potential inconsistencies in spectral structure. A qualified Radiological Engineer reviewed the integrity of the sample analysis results for each sample prior to submittal of final results to AFSC and RASO for approval. This review encompassed the analysis of sample results for spectral energy shift, agreement between progeny activities assumed to be in secular equilibrium, the presence of potentially unidentified radionuclides, and other potential inconsistencies. Sample count times were long enough to accomplish sufficient minimum detectable concentrations (MDCs) for each radionuclide to meet applicable Site action levels.

CABRERA utilized a radionuclide library consisting of radionuclides present in natural background and cesium-137 (Cs-137), from global nuclear weapons testing fallout, to analyze the gamma spectral data. Radionuclide gamma/x-ray energies and yields were extracted from the National Nuclear Data Center (NNDC) nuclear data database (NuDat, version dated 22 August 2002). CABRERA gamma spectroscopy data reported for actinium-228 (Ac-228) were used to represent Th-232 activity concentrations under the assumption of secular equilibrium. Thus, references to Th-232 activity concentrations herein are based on the gamma spectroscopy results of Ac-228. The Ac-228 gamma lines used to infer Th-232 activity concentration are 911.2 kiloelectron volts (keV) at 25.8% yield, 969.0 keV at 15.8% yield, 338.3 keV at 11.3% yield, and several additional lower yielding gamma lines.

Radium-226 activity concentration results were reported by directly measuring its 186.2 keV gamma line. Results reported herein for Ra-226 using this direct gamma line may be over-reported due to contribution from the 185.7 keV gamma line of U-235. This potential over-reporting reaches a theoretical maximum factor of 1.7 at background levels, assuming secular equilibrium in the uranium series. The presence of Ra-226 contamination reduces the level of over-reporting. Therefore, Ra-226 results can only be used qualitatively or as semi-quantitative maximums. Radium-226 progeny [lead-214 (Pb-214) and bismuth-214 (Bi-214)] reported herein cannot be used to accurately infer the activity concentration of Ra-226 due to potential disequilibrium caused by the escape of noble gas parent radon-222 (Rn-222) during sample collection and processing activities.

Discussion of QA and QC results are presented in Section 5.0. On-site laboratory analysis results are presented in Appendix J; raw results are included in Appendix K.

3.6 Preliminary Characterization of Storm Drain Headwall Soil Sample

An NRC representative discovered a previously unknown area of elevated radioactivity during an informal walkover in the vicinity of the former Monazite Sands Storage Area on July 6 and 7, 2005. Specifically, 40,000 to 60,000 counts per minute (cpm) using a two-inch by two-inch NaI detector were detected in surface soil immediately behind a concrete headwall for a stormwater outfall located approximately 300 ft northeast of the former Monazite Sands Storage Area, across Mississippi Street, south of its intersection with West Colorado Avenue. At the request of AFSC and RASO, CABRERA performed field gamma spectroscopy analysis of a surface soil sample collected from behind the aforementioned stormwater outfall. Thorium-232 was detected at a concentration of 21.1 pCi/g in that sample, exceeding the Site action level of 1.7 pCi/g Th-232.

3.7 Demobilization

On-site equipment and personnel demobilized were from the Site the week ending August 12, 2005. As directed by AFSC, temporary utilities were disconnected and the site trailers were demobilized from the Site on September 29 and 30, 2005. Radiological surveys were performed and the equipment and trailers were free released prior to departure from the Site. Steel from the rail spurs was radiologically surveyed, free released, and donated to the on-Base Navy's DRMO. Radiological survey worksheets and survey results are provided in Appendix L.

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4.0 FINAL STATUS SURVEY RESULTS

Survey units for the NFA, RA, and CTA were previously established and are referred to using the naming convention specified in the project Work Plans. The NFA, RA, and CTA FSS final results for each survey unit are provided in Appendix H; Tables 4-1, 4-2, and 4-3 provide a summary of the FSS statistics.

4.1 Derived Concentration Guideline Level

The Navy established a project DCGL of 1.0 pCi/g above site background. The DCGL was established in accordance with Title 10, Part 20 of the *Code of Federal Regulations* (10 CFR 20), Subpart E (NRC 2005b), which is less than less than NRC's generic screening criterion (NRC 1999) based on residential site reuse. Thus, the project DCGL_W is considered conservative; especially recognizing the current and planned future land use for the Site is for industrial purposes. The project Work Plans referenced in Section 1.3 present the DCGL_W derivation.

A conservative Site background (0.7 pCi/g Th-232) was established by performing a GWS and subsequent gamma spectroscopy analysis of soil samples collected from a non-impacted Reference Area (see Figure 2) in accordance with MARSSIM (DoD *et. al.* 2000) compliant guidance. The Site action level, 1.7 pCi/g, was based on the sum of the minimum Reference Area result of 0.7 pCi/g and the Site DCGL_W of 1.0 pCi/g above background. This approach is conservative because it disregards the provisions of MARSSIM (DoD *et. al.* 2000) compliant guidance that allow some areas that exceed the DCGL_W plus background, to be considered acceptable for unrestricted use through the use of a elevated measurement comparison (DCGL_{EMC}). Analytical results for samples collected from the Reference Area used to establish the Site action level were generated during previous project studies (CABRERA 2004c).

4.2 Reference Area Survey Results

CABRERA used the Reference Area results from previous field efforts (CABRERA 2004a) to establish background concentrations for this remediation effort. The Reference Area survey evaluation encompassed the performance of a GWS and the collection and gamma spectroscopy analysis of 34 systematic samples. Reference Area results showed areas of slightly elevated potassium-40 (K-40), which are likely due to non-homogeneous deposits of natural potassium, potentially from the use of fertilizer. Based on the results of the gamma spectroscopy analysis, a conservative background concentration of 0.7 pCi/g for Th-232 was established.

4.3 North Fence Area FSS Results

As previously indicated, the NFA is north of the warehouse (Building 8012) and is 2,485 square meters (m²) in size, which includes the additional area beneath the DRMO parking lot (see Figure 2). The majority of the surface of the NFA is bare soil, although some areas are covered with bituminous concrete and the southwest portion is covered by grass. The NFA was divided into a Class 1 SU surrounded by a Class 2 SU, consistent with MARSSIM (DoD *et. al.* 2000) compliant guidance on the classification and size of each SU. The Class 1 SU is referred to herein as NFA-SU-1. The Class 2 SU is referred to as NFA-SU-2.

4.3.1 Previous Survey Unit 1 FSS Results

The previous SU 1 (NFA-SU-1; Class 1) NFA FSS evaluation, conducted during Phase III, consisted of performing a GWS and collecting and performing on-site gamma spectroscopy analysis of 14 systematic and one biased sample. Collection and laboratory analysis of only one biased sample was necessary in SU 1 since no contoured Z-score value exceeded 3.0 (see Figure 10). Thorium-232 concentrations for the NFA-SU-1 FSS samples ranged from 0.22 to 1.5 pCi/g, averaging 0.87 pCi/g with a standard deviation of 0.31. This SU passed WRS test and MARSSIM (DoD *et. al.* 2000) compliant release criteria, and was therefore deemed suitable for release for unrestricted use, without regard to former operations with licensed radioactive material. Results for NFA-SU-1 are presented in Appendices C and G, and the statistical evaluation of the results is presented in Table 4-1.

4.3.2 Previous Survey Unit 2 FSS Results

The previous SU 2 (NFA-SU-2; Class 2) NFA FSS evaluation conducted during Phase III, consisted of performing a GWS and collecting and performing on-site gamma spectroscopy analysis of 22 systematic and one biased sample (see Figure 10). Collection and laboratory analysis of one biased sample was necessary in SU 2 since no contoured Z-score value exceeded 3.0. Thorium-232 concentrations for the SU 2 FSS samples ranged from 0.0 to 1.3 pCi/g, averaging 0.57 pCi/g with a standard deviation of 0.34. All FSS sample results (systematic and biased) for NFA-SU-2 were below the Site action level for Th-232 of 1.7 pCi/g. This SU passed WRS test and MARSSIM (DoD *et al.* 2000) compliant release criteria and was therefore deemed suitable for release for unrestricted use, without regard to former operations with licensed radioactive material. Results for NFA-SU-2 are presented in Appendices C and G; the statistical evaluation of the results is presented in Table 4-1.

4.3.3 Phase IV NFA FSS Activities

The NRC collected confirmatory samples in the NFA Class 1 SU (NFA-SU-1) during late 2004. According to NRC, their laboratory analysis results for all but one of those samples were below the current Site action level of 1.7 pCi/g Th-232. Laboratory results for one NRC confirmatory soil sample, designated NRC-2, indicated the presence of Th-232 at a concentration of 21.12 pCi/g, exceeding the current Site action level. This analytical result prompted the Navy to perform additional remediation and a confirmatory FSS in the NFA (see Section 3.2.2.1).

Table 4-1: North Fence Area Survey Unit Statistics

Survey Unit Statistic	Final Status Survey Statistics	
	NFA-SU-1	NFA-SU-2
Reference Area Sample Size, (m)	34	34
SU Sample Size, n	14 ^b	22
Calculated Wcrit (retrospective power test)	905.5	1067
WRS Sum of Reference Ranks	1071	1343
Prospective Assumed Sigma, pCi/g ²³² Th	0.30	0.30
SU Sample Average, pCi/g ²³² Th	0.87	0.56
SU Sample Maximum, pCi/g ²³² Th	1.50	1.34
SU Sample Minimum, pCi/g ²³² Th	0.22	0.00
SU Sample Retrospective Sigma, pCi/g ²³² Th	0.31	0.34
SU Bias Sample Maximum, pCi/g ²³² Th	1.20	0.87
SU Bias Sample Minimum, pCi/g ²³² Th	a	A
Reference Area Average, pCi/g ²³² Th	0.86	0.86
Ref Area Retrospective Sigma, pCi/g ²³² Th	0.10	0.10
WRS Test Results (Pass or Fail)	Pass	Pass

^a Only one bias sample was necessary since no contoured Z-score > 3.0; lowest is the same as highest.

^b Sample F-N1-1000-S-01 reported at -0.099 pCi/g removed due to lack of adequate sample volume at the location; survey sample size reduced by one as permitted by MARSSIM to allow for unusable data.

4.4 Center Tank Area FSS Results

The CTA is north of the RA and south of Building 8012 and includes Tank H. The entire area is 3,210 m² in size. The majority of the surface of the CTA is bare soil, although some areas in the northern portion are covered with bituminous concrete. The CTA excavation area was established as a Class 1 SU, consistent with MARSSIM (DoD *et al.* 2000) compliant guidance as to the classification and size of each SU. The Class 1 SU is referred to as CTA-SU-1. A Class 2 SU was not established during the Phase IV effort due to the presence of Th-232 contamination identified along the eastern and northern edges of the CTA (see Section 3.2.3.1).

4.4.1 Survey Unit 1

The Class 1 SU (CTA-SU-1) CTA FSS evaluation consisted of performing a GWS and the collection and gamma spectroscopy analysis of 16 systematic and four biased samples (see Figure 6). Four biased samples were necessary in CTA-SU-1 since several contoured Z-score values were greater than 3.0. The concentration of Th-232 in CTA-SU-1 ranged from 0.35 to 1.43 pCi/g, averaging 0.91 pCi/g with a standard deviation of 0.28. All FSS sample results (systematic and biased) for CTA-SU-1 were below the Site action level of 1.7 pCi/g Th-232. This SU passed WRS test and MARSSIM (DoD *et al.* 2000) compliant release criteria and is suitable for release for unrestricted use, without regard to former operations with licensed radioactive material. Results for CTA-SU-1 are presented in Appendices C and G; the statistical evaluation of the results for CTA-SU-1 is presented in Table 4-2.

Table 4-2: Center Tank Area Survey Unit Statistics

Survey Unit Statistic	Final Status Survey Statistics
	CT-SU-1
Reference Area Sample Size, m	34
SU Sample Size, n	16
Calculated Wcrit (retrospective power test)	946.1
WRS Sum of Reference Ranks	1139
Prospective Assumed Sigma, pCi/g ²³² Th	0.30
SU Sample Average, pCi/g ²³² Th	0.91
SU Sample Maximum, pCi/g ²³² Th	1.43
SU Sample Minimum, pCi/g ²³² Th	0.35
SU Sample Retrospective Sigma, pCi/g ²³² Th	0.28
SU Bias Sample Maximum, pCi/g ²³² Th	1.17
SU Bias Sample Minimum, pCi/g ²³² Th	0.69
Reference Area Average, pCi/g ²³² Th	0.86
Ref Area Retrospective Sigma, pCi/g ²³² Th	0.10
WRS Test Results (Pass or Fail)	Pass

4.5 Recreation Area FSS Results

As previously indicated, the RA is south of the CTA, and between Building 3214, Tanks K and L, and the picnic area. The entire RA is 4,473 m² in size. The majority of the surface of the RA is compacted processed gravel, although a small area located in the southwest portion is grass. The RA excavation area was established as a Class 1 SU, consistent with MARSSIM (DoD *et al.* 2000) compliant guidance as to the classification and size of each SU. The Class 1 SU is referred to as RA-SU-1. A Class 2 SU (Survey Unit 2) was not established during the Phase IV effort due to the presence of Th-232 contamination along the eastern edges of the RA (see Section 3.2.4.1).

4.5.1 Survey Unit 1

The Class 1 SU (RA-SU-1) RA FSS evaluation consisted of performing a GWS and the collection and gamma spectroscopy analysis of 15 systematic and three biased samples (see Figure 8). Two biased soil samples were collected in SU 1 since several contoured Z-score values were greater than 3.0. Concentrations of Th-232 in RA-SU-1 ranged from 0.21 to 1.34 pCi/g, averaging 0.98 pCi/g with a standard deviation of 0.26. All FSS sample results (systematic and biased) for RA-SU-1 were below the Site action level of 1.7 pCi/g Th-232. This SU passed WRS test and MARSSIM (DoD *et al.* 2000) compliant release criteria and is suitable for release for unrestricted use, without regard to former operations with licensed radioactive material. Final Status Survey results for RA-SU-1 are presented in Appendices C and G; the statistical evaluation of the results is presented in Table 4-3.

Table 4-3: Recreation Area Survey Unit Statistics

Survey Unit Statistic	Final Status Survey Statistics
	RA-SU-1
Reference Area Sample Size, m	34
SU Sample Size, n	15
Calculated Wcrit (retrospective power test)	925.8
WRS Sum of Reference Ranks	1105
Prospective Assumed Sigma, pCi/g ²³² Th	0.30
SU Sample Average, pCi/g ²³² Th	0.98
SU Sample Maximum, pCi/g ²³² Th	1.34
SU Sample Minimum, pCi/g ²³² Th	0.21
SU Sample Retrospective Sigma, pCi/g ²³² Th	0.26
SU Bias Sample Maximum, pCi/g ²³² Th	1.25
SU Bias Sample Minimum, pCi/g ²³² Th	0.86
Reference Area Average, pCi/g ²³² Th	0.86
Ref Area Retrospective Sigma, pCi/g ²³² Th	0.10
WRS Test Results (Pass or Fail)	Pass

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5.0 QUALITY ASSURANCE / QUALITY CONTROL

5.1 CABRERA On-Site Laboratory Quality Control Results

5.1.1 Daily Quality Control Checks

CABRERA's on-site laboratory HPGe detector was calibrated with a NIST-traceable multi-line gamma marinelli standard prior to analyzing the project field samples. The marinelli standard used for the system efficiency calibration consists of the identical marinelli container used for sample analyses, with a density approximate to the average density of the project samples.

The same NIST-traceable marinelli standard was also used to perform daily QC activities. Analysis of the standard was performed in the field each day that sample analyses were performed to evaluate HPGe performance against established gamma spectroscopy QC criteria for the project. The QC criteria consisted of detector resolution calculation using measurement of Full Width at Half Maximum (FWHM), peak energy measurements, and decay corrected activity concentration measurements. Each criterion was evaluated daily for americium-241 (Am-241) at 59.5 keV and cobalt-60 (Co-60) at 1332.5 keV. Daily QC results passed comparison criteria for each day that project sample analyses were performed. Results for all daily QC checks are provided in Appendix J.

5.1.2 Laboratory Replicate Sample Analyses

CABRERA performed duplicate analyses for five percent of the field samples analyzed in the on-site radiological laboratory. Duplicate analyses entailed repeating the analysis of a previously-analyzed sample and performing a statistical comparison of both results. The samples were numbered using a unique identifier. Field duplicate analyses were compared to the initial analytical results by determining a Z-score value for each data set by the following equation (Walpole & Myers 1993):

$$Z = \frac{|S - D|}{\sqrt{\sigma_S^2 + \sigma_D^2}}$$

Where: S, D ≡ value of (S)ample and (D)uplicate measurements; and,
σ ≡ one-sigma uncertainty associated with (S)ample and (D)uplicate measurements.

The calculated Z-score results were compared to a performance criteria of less than or equal to 2.57 established in the project Work Plans (CABRERA 2004a and 2004b). The value of 2.57 corresponds to a confidence interval of greater than 99%, i.e., 99% of the Z-values will be less than or equal to 2.57, while less than 1% of the values will be greater if the sample and the duplicate are truly from the same distribution. Calculated Z-values greater than 2.57 were investigated for possible discrepancies in analytical precision or sources of bias under the following assumptions:

- The sample measurement and duplicate or replicate measurement are of the same normally-distributed population; and

- The standard deviations, σ_s and σ_D , represent the true standard deviation of the measured population.

Results of the evaluation of on-site laboratory duplicates are summarized in Table 5-1. As indicated therein, all on-site laboratory duplicate samples passed the requisite Z-score evaluation.

5.1.3 Off-Site Laboratory Cross-Check Duplicate Analyses

Paragon performed crosscheck gamma spectroscopy analyses on 10% of the FSS soil samples collected and analyzed by CABRERA's on-site radiological laboratory. Paragon utilized the same radionuclide library for QA sample analyses as CABRERA to ensure compatibility of data. Both labs dried and sieved (Number 4 sieve) samples prior to analysis; however, Paragon utilized only 500-gram aliquot samples collected from the one-liter marinelli containers provided. CABRERA analyzed the entire 1-liter sample (approximately 1,500 grams) in the on-site laboratory. Results for the NFA FSS, RA FSS, and CTA FSS from both laboratories were compared using the Z-score method as described in Section 5.1.2. Results of the inter-laboratory comparisons are summarized in Table 5-1. Paragon laboratory data packages are included as Appendix C.

As indicated in Table 5-1, none of the five sets of samples evaluated during the off-site crosscheck program had a Z-score greater than the tolerance level of 2.57.

5.2 Field Instrumentation and Quality Control Results

Data collection activities were performed in accordance with written procedures and/or protocols approved for use on site to ensure consistent, repeatable results. CABRERA's Project Engineer ensured that individuals collecting data were appropriately trained to use project instrumentation and other equipment, and that instrumentation met the required detection sensitivities.

5.2.1 Site Reference Coordinate System

A site reference coordinate system was established to ensure sample and measurement locations are spatially identified such that each location is reliably reproducible. The basic unit of the coordinate system is meters. Survey Unit grids, site boundaries, and other survey reference points are described by northing and easting coordinates, in meters, tied to the Illinois East State Plane Coordinate System, North American Datum (NAD) 1983. References in this report to specific locations are of the form "xxx,xxx.x north, yyy,yyy.y east;" where xxx,xxx.x is the northing coordinate in meters and yyy,yyy.y is the easting coordinate in meters.

Table 5-1: Summary of On-site and Off-site Laboratory QA Duplicate Sample Comparisons

QA Comparison with Off-site Laboratory					
Sample ID	Result	2σ Uncertainty	Z-Score	Z-Score Pass/Fail	Lab Analysis Flag
F-N1-1038-B-01/6185ANA/CABRERA	1.20	0.210			
F-N1-1038-B-01/Paragon	1.15	0.33	0.25	PASS	M3,G
F-RA-1008-S-02/6185ANA/CABRERA	1.26	0.198			
F-RA-1008-S-02/Paragon	1.14	0.3	0.66	PASS	M3,G
F-RA-1013-S-02/6185ANA/CABRERA	0.500	0.230			
F-RA-1013-S-02/Paragon	0.33	0.26	0.97	PASS	U
F-RA-083-B-01/6185ANA/CABRERA	1.02	0.200			
F-RA-083-B-01/Paragon	1.13	0.36	0.53	PASS	M3,G
F-CT-057-B-01/6185ANA/CABRERA	6.38	0.400			
F-CT-057-B-01/Paragon	7.7	1	2.44	PASS	M3,G
On-site Laboratory Replicate Results					
Sample ID	Result	2σ Uncertainty	Z-Score	Z-Score Pass/Fail	Lab Analysis Flag
F-N1-1038-B-01	1.20	0.210			
F-N1-1038-B-01DUP	1.15	0.33	0.25	PASS	N/A
F-RA-1007-01	1.97	0.210			
F-RA-1007-01DUP	1.15	0.29	1.42	PASS	N/A
R-RA-1009-01	2.03	0.320			
R-RA-1009-01DUP	2.49	0.31	2.02	PASS	N/A
R-CT-1003-B-01	2.13	0.240			
R-CT-1003-B-01DUP	2.12	0.23	0.06	PASS	N/A
F-RA-1007-S-01	1.19	0.220			
F-RA-1007-S-01DUP	1.16	0.21	0.19	PASS	N/A
R-CT-021-B-01	7.61	0.430			
R-CT-021-B-01DUP	7.68	0.44	0.22	PASS	N/A
R-CT-022-B-01	11.2	0.520			
R-CT-022-B-01DUP	11.45	0.53	0.77	PASS	N/A
R-CT-042-B-01	7.15	0.410			

On-site Laboratory Replicate Results					
Sample ID	Result	2σ Uncertainty	Z-Score	Z-Score Pass/Fail	Lab Analysis Flag
R-CT-042-B-01DUP	6.86	0.40	0.99	PASS	N/A
R-CT-047-B-01	2.65	0.280			
R-CT-047-B-01DUP	2.68	0.29	0.15	PASS	N/A
F-RA-1003-S-01	1.33	0.220			
F-RA-1003-S-01DUP	1.36	0.22	0.19	PASS	N/A
F-RA-1014-S-01	1.24	0.240			
F-RA-1014-S-01DUP	1.16	0.21	0.49	PASS	N/A
F-CT-1017-01	2.01	0.260			
F-CT-1017-01DUP	2.31	0.27	1.57	PASS	N/A
F-CT-1020-01	2.16	0.250			
F-CT-1020-01DUP	2.28	0.25	0.67	PASS	N/A
R-WS-06-S-01	4.91	0.340			
R-WS-06-S-01DUP	5.04	0.35	0.52	PASS	N/A
F-CT-1030-01	2.84	0.280			
F-CT-1030-01DUP	3.04	0.29	0.97	PASS	N/A
R-WS-03-S-01	3.09	0.290			
R-WS-03-S-01DUP	3.00	0.32	0.41	PASS	N/A
R-RA-079-B-01	8.74	0.470			
R-RA-079-B-01DUP	8.80	0.46	0.18	PASS	N/A
F-RA-082-B-01	1.25	0.230			
F-RA-082-B-01DUP	1.11	0.21	0.88	PASS	N/A

Notes:

All results in pCi/g
B = Biased sample
DUP = Duplicate sample
R = Remediation Support sample
F = Final Status Survey sample

6185ANA = CABRERA On-site Laboratory HPGe System S/N 6185
S = Systematic sample
N1 = NFA Survey Unit 1
2 σ = 2-sigma sample uncertainty

Lab Analysis Flags:

M3 = The requested MDC was not met but the reported activity is greater than the requested MDC.
G = The sample density differs by more than 15% from the control sample density.
U = The result is less than the sample specific MDC.

5.2.2 *Calibration Requirements*

Radiological instruments were used to scan equipment, personnel, and clothing for radiological contamination and for performing the GWS. This equipment included Geiger-Mueller detectors, alpha scintillation probes, NaI probes, and other instrumentation connected to appropriate rate/scaler meters.

Calibration/maintenance records are included in Appendix I and include:

- Name of the equipment
- Equipment identification (model and serial number)
- Manufacturer
- Date of calibration
- Calibration due date

Instrumentation was maintained and calibrated to manufacturers' specifications to ensure that required traceability, sensitivity, accuracy, and precision of the equipment/instruments were maintained. Instruments were calibrated at a facility possessing appropriate NRC and/or Agreement State licenses for performing calibrations using NIST-traceable sources.

5.2.3 *Sodium Iodide QC Source and Background Checks*

Instruments were QC-checked prior to and after daily use by comparing the instruments' response to a designated gamma radiation source and to ambient background. A site reference location undisturbed by field operations was selected for performance of these checks prior to commencing field operations. Quality control source checks consisted of a one-minute integrated count with the designated source positioned in a reproducible geometry, performed at the reference location and logged to GPS instrumentation. Background checks were performed in an identical fashion with the source removed. This procedure was repeated five times to establish average instrument response at the start of the field activities.

Instruments used to obtain radiological data were inspected during QC checks for physical damage, current calibration, and erroneous readings in accordance with applicable procedures and/or protocols approved for use on site.

Instrument response to the designated QC check source was evaluated against the average established at the start of the field activities. A performance criterion of $\pm 20\%$ of this average were used as an investigation action level for field instruments; and ± 2 sigma as an investigation level and ± 3 sigma as an action level were used for smear counting instruments. All QC checks were within the established performance criteria as shown on the control charts included as Appendix I.

5.3 GPS Daily Field Checks

Section 5.2.3 describes performance of sodium iodide source and ambient background response checks. These checks were performed at the same location and were logged in the GPS unit. The average easting and northing GPS position data were also established at the start of the field effort, when average sodium iodide source and ambient background response were established. GPS position data were compared to the established averages during subsequent routine checks. All measurements were within the same acceptance criteria identified in Section 5.2.3, as shown on the control charts included in Appendix I.

6.0 CONCLUSIONS

Remediation and a FSS were performed in the NFA, CTA, and RA. Remediation and FSS efforts completed in both Class 1 and Class 2 SUs support unconditional release of the NFA. Remediation and FSS results support unconditional release of the RA Class 1 SU. Remediation and FSS results support unconditional release of remediated portions of the CTA Class 1 SU. At the request of AFSC and RASO, Th-232-contaminated soil excavated from these remediation activities that exceeded Phase IV SOW quantities was stockpiled at the northwest corner of the CTA.

Thorium-232 was detected in surface soil at concentrations above the current Site action level east of RA Class 1 SU as well as east and north of the Class 1 SU for the CTA (see Figure 11). Those data suggest that contamination exceeding the current Site action level may extend beneath Building 3214. The NRC also detected Th-232 above the Site action level approximately 300 LF northeast of the Site, across Mississippi Street, in surface soil behind a concrete headwall for a stormwater outfall. Additional contaminated soil exceeding the current Site action level was not remediated at the request of AFSC and RASO because it exceeded the Phase IV SOW limits, in both geography and quantity. A FSS of Class 2 SUs surrounding the CTA and RA could not be performed due to the action level exceedances and presence of the contaminated soil stockpile.

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7.0 RECOMMENDATIONS

CABRERA recommends AFSC and RASO consider the following activities to facilitate Site closure, allowing the property to be put back to productive use:

- Reconsider future land use in light of the discovery of additional subsurface soil contamination, and possible revision of the project cleanup goal to reflect industrial land use scenario for portions of the Site;
- Perform a comprehensive review of historical records, and subsequent development of a Triad-based investigation strategy for completing the remaining final phase of site characterization, including use of a mobile, on-site radiological laboratory to facilitate timely decision-making;
- Evaluate alternatives and develop a recommended approach to remediating the remaining *in-situ* Th-232 contamination, with consideration being given to soil mixing
- Obtain NRC and stakeholder concurrence on a (potential revised) project DCGL, and a work plan for characterization, remediation, and FSS of remaining contamination; and
- Perform the final site characterization, remediation, and FSS, and documenting results in a final Remedial Action Completion Report.

Characterization, remediation if necessary, and FSS efforts should address:

- Soil containing Ra-226 contamination within the former soil pile area,
- Soil containing petroleum, oils, and lubricants (POL) within the NFA;
- Subsurface soil north of RA-SU-1;
- Eastern edge of the RA and CTA, including areas beneath Building 3214, the vicinity of former rail lines east of RA-SU1 and CTA-RU-1, and building foundations and subsurface utility trenches;
- Area of the concrete headwall for a storm drain, located approximately 300 LF northeast of the Site, including trench backfill material for the stormwater line and fill material for the area east of the Site, across Mississippi Street; and
- Northwest corner of the CTA following removal of the current temporary soil stockpile.

Consideration should be given to performing a FSS, segregating material, and free releasing as much of the existing soil stockpile if an alternate (higher) DCGL is developed.

A Class 2 FSS should be performed for the CTA, RA, and other areas following completion of characterization and remediation.

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8.0 REFERENCES

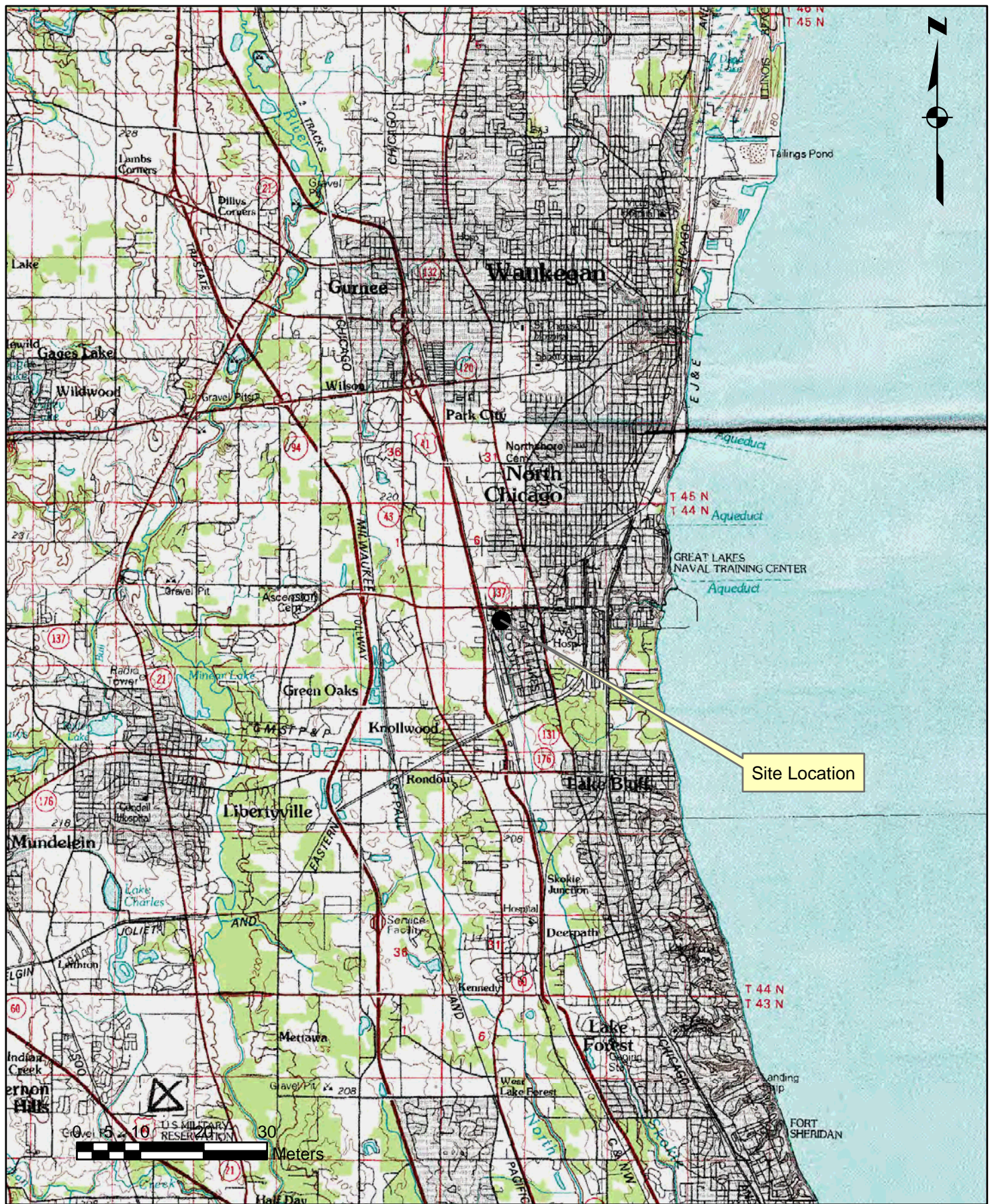
- Cabrera Services, Inc. (2005). *Interim Draft Report: Remediation and Final Status Survey of the Former Monazite Sand Storage Area, North Fence Area, Recreation Area, and Center Tank Area, Naval Station Great Lakes – Great Lakes, Illinois, February 2005* (Phase III Report).
- Cabrera Services, Inc. (2004a). *Work Plan for the Characterization of the Recreation and Center Tank Areas and Radiological Remediation and Final Status Survey of the North Fence Area, Former Monazite Sand Storage Area, Naval Station Great Lakes Great Lakes, Illinois, August 2004*.
- Cabrera Services, Inc. (2004b). *Work Plan for the Remediation of the Recreation and Center Tank Areas and Site Wide Final Status Survey, Former Monazite Sand Storage Area, Naval Station Great Lakes – Great Lakes, Illinois, November 2004*.
- Cabrera Services, Inc. (2004c). *Final Report: Remediation and Final Status Survey of the Monazite Sand Area, Soil Pile and North Fence Area, Great Lakes Naval Training Station – Great Lakes, Illinois, March 2004* (Phase II).
- Cabrera Services, Inc. (2004d). *Technical Memorandum: Characterization of Recreation and Center Tank Area Soils, Former Monazite Sand Storage Area – Naval Station Great Lakes – Great Lakes, Illinois, September 2004*.
- Cabrera Services, Inc. (2000). *Final Report: Characterization and Final Status Survey of the Monazite Sand Area of the Great Lakes Naval Training Station – Great Lakes, Illinois, June 2000* (Phase I).
- Department of Defense, Department of Energy, Environmental Protection Agency & Nuclear Regulatory Commission. (2000). *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM), Revision 1, August 2000* (NUREG-1575, EPA 402 R-97-016, DOE/EH-0624). Washington, D. C.: U. S. Government Printing Office.
- United States Environmental Protection Agency. (2005). “Identification and Listing of Hazardous Waste.” *Code of Federal Regulations* Title 40, Part 261, July 1, 2005 ed. Washington, D. C.: U. S. Government Printing Office.
- United States Nuclear Regulatory Commission. (2005a). “Unimportant Quantities of Source Material.” *Code of Federal Regulations* Title 10, Part 40, Section 13, January 1, 2005 ed.
- United States Nuclear Regulatory Commission. (2005b). “Radiological Criteria for License Termination.” *Code of Federal Regulations* Title 10, Part 20, Subpart E, January 1, 2005 ed.

United States Nuclear Regulatory Commission. (1999). “Supplemental Information on the Implementation of the Final Rule on Radiological Criteria for License Termination.” *V. 64. No. 234 Federal Register 68396-68396, December 7, 1999.*

Walpole, Ronald & Myers, Raymond. (1993). *Probability and Statistics for Engineers and Scientists* (Fifth edition). New York City, New York: Macmillan Publishing Company.

FIGURES

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Site Location Map

Naval Station Great Lakes

Date: January 2006

Project #: 05-3060.01

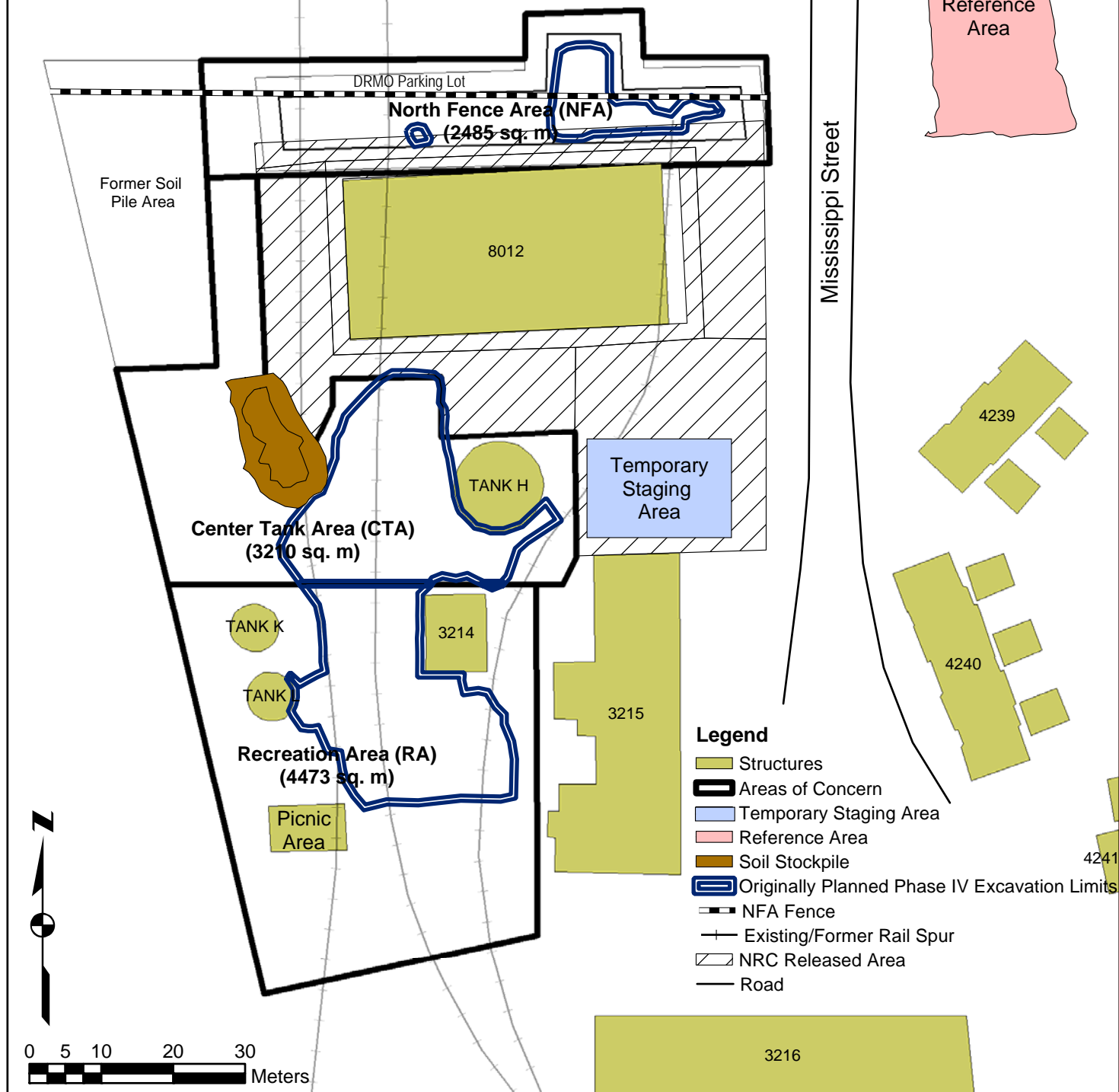
File Name: 05-3060.01_Fg1_Site

Prepared By: BP

Figure 1

NOTES:

- 1) NRC released area based on the results of Phase I.
- 2) Originally planned excavation limits based on previous characterization surveys conducted during Phases II and III.



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Site Plan

Naval Station Great Lakes

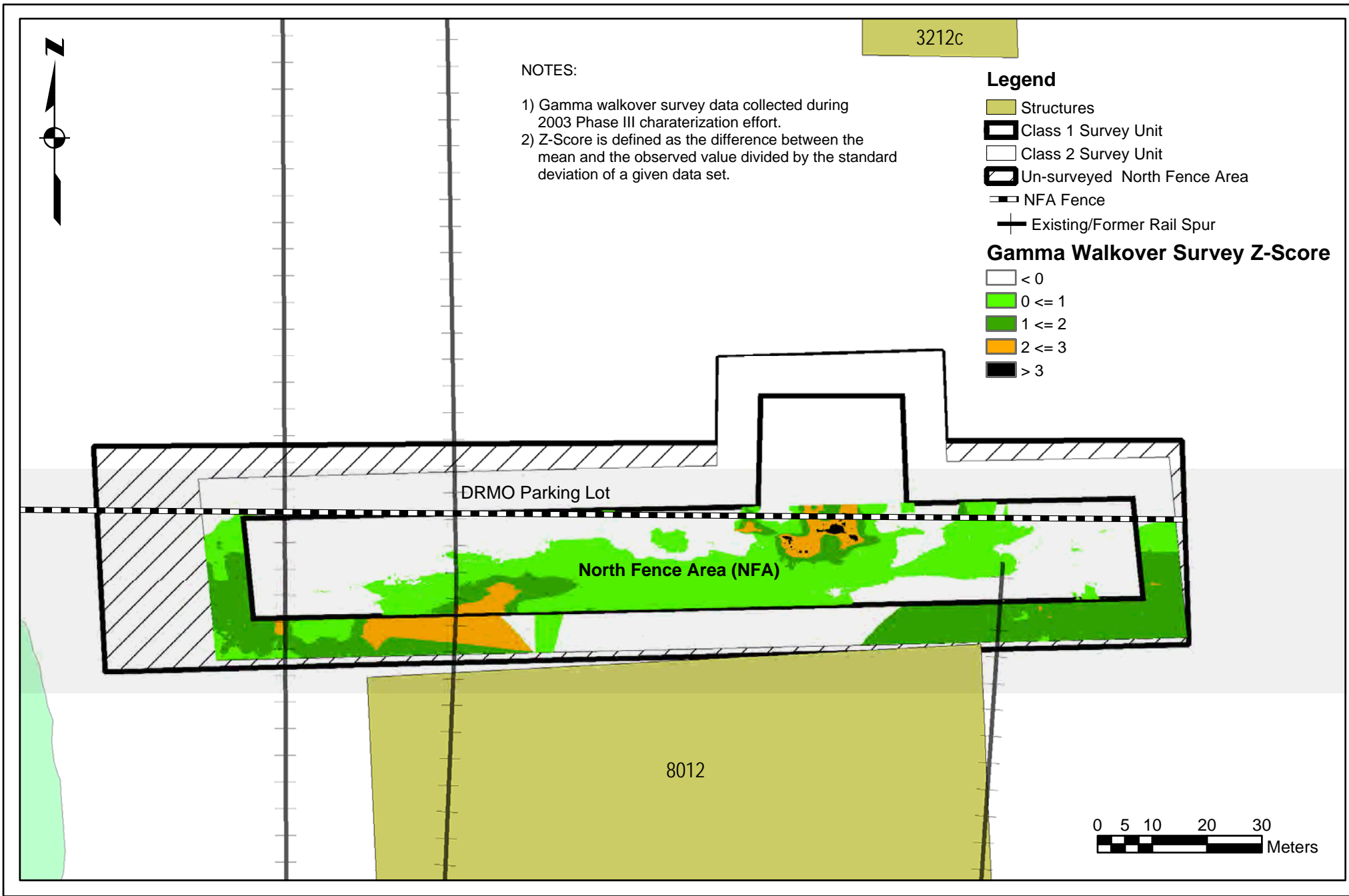
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Project #: 05-3060.01

File Name: 05-3060.01_Fg2_LocPlan

Prepared By: BP

Figure 2



CABRERA SERVICES
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North Fence Area Pre-Remediation Gamma Walkover Survey Results

Naval Station Great Lakes

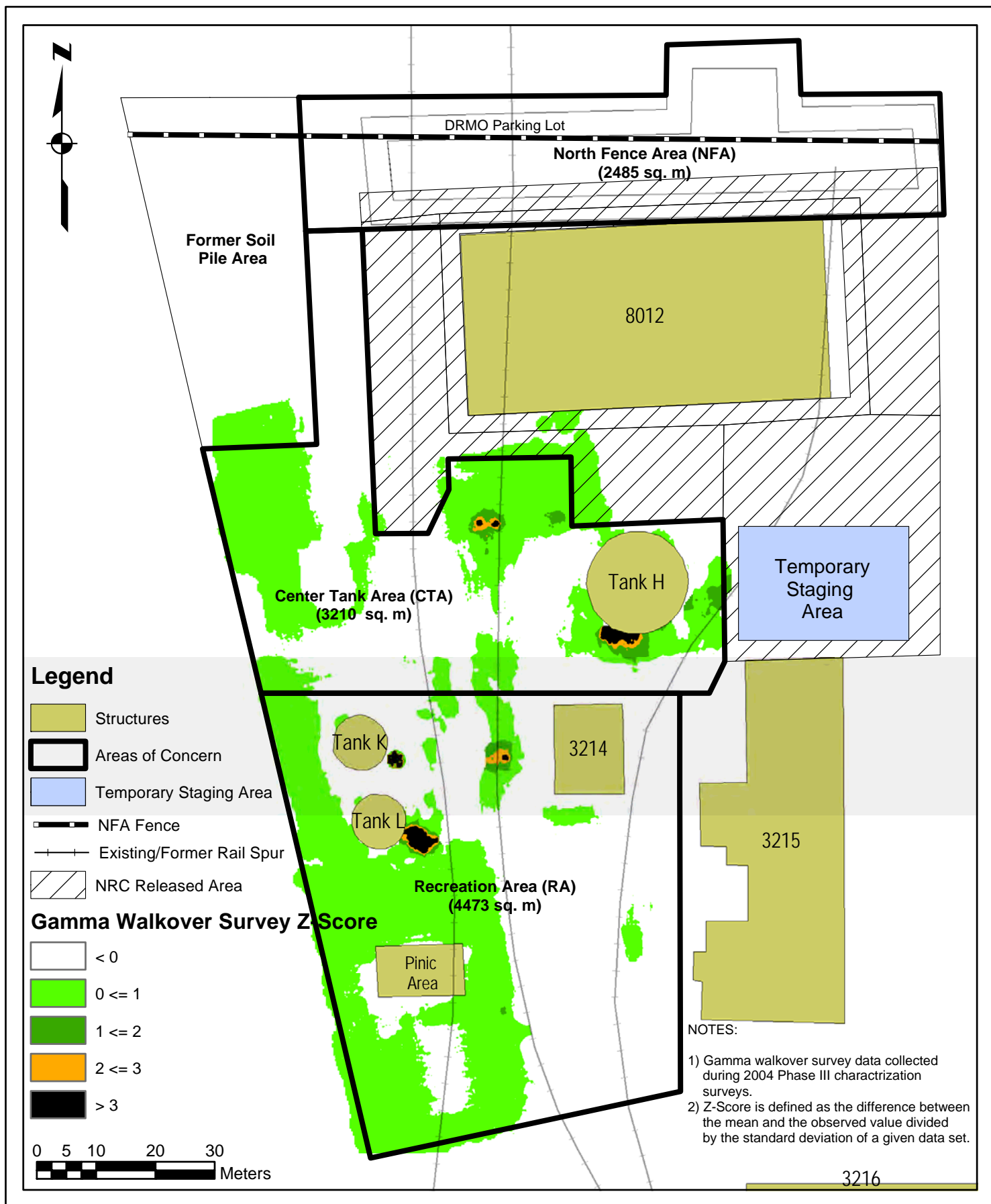
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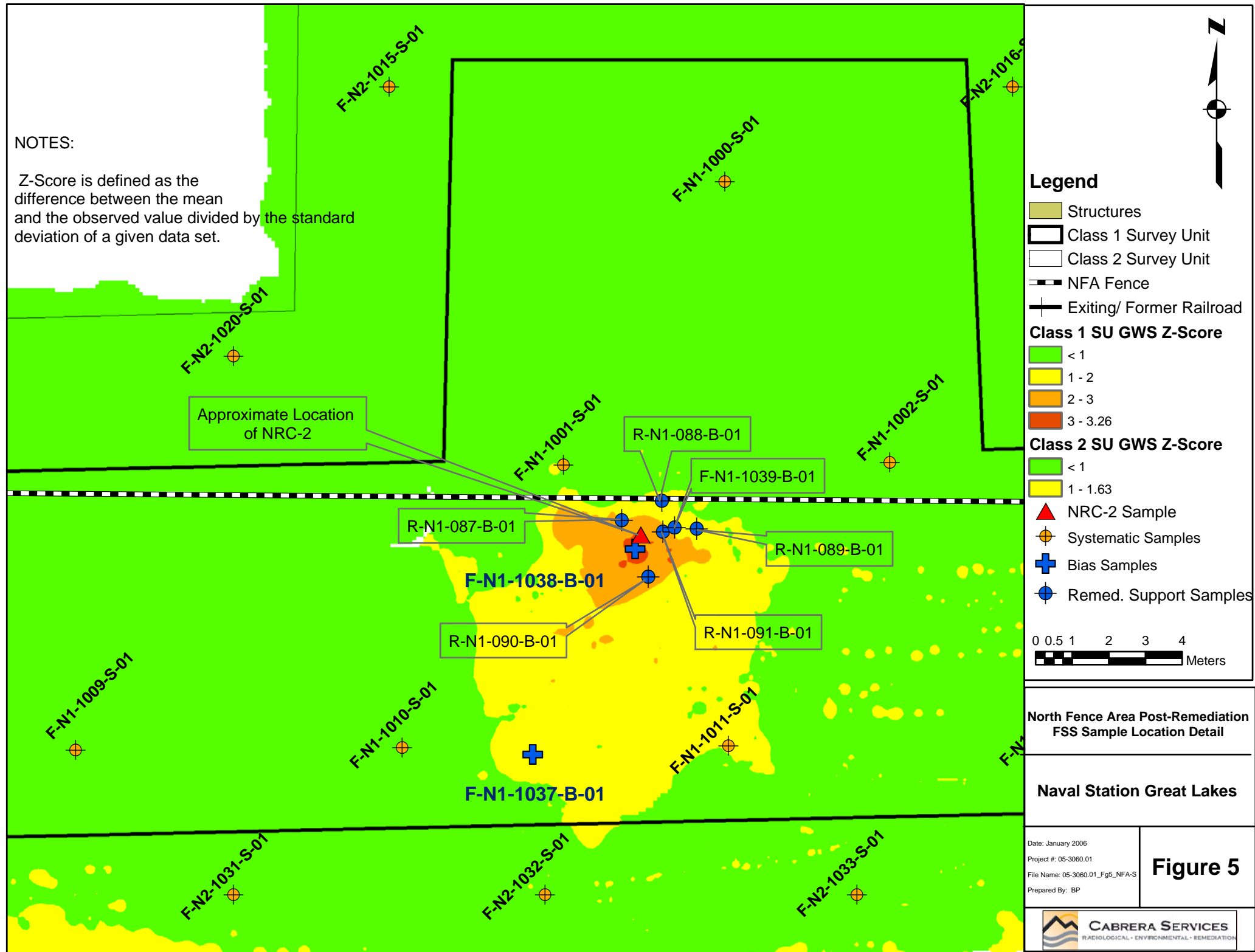
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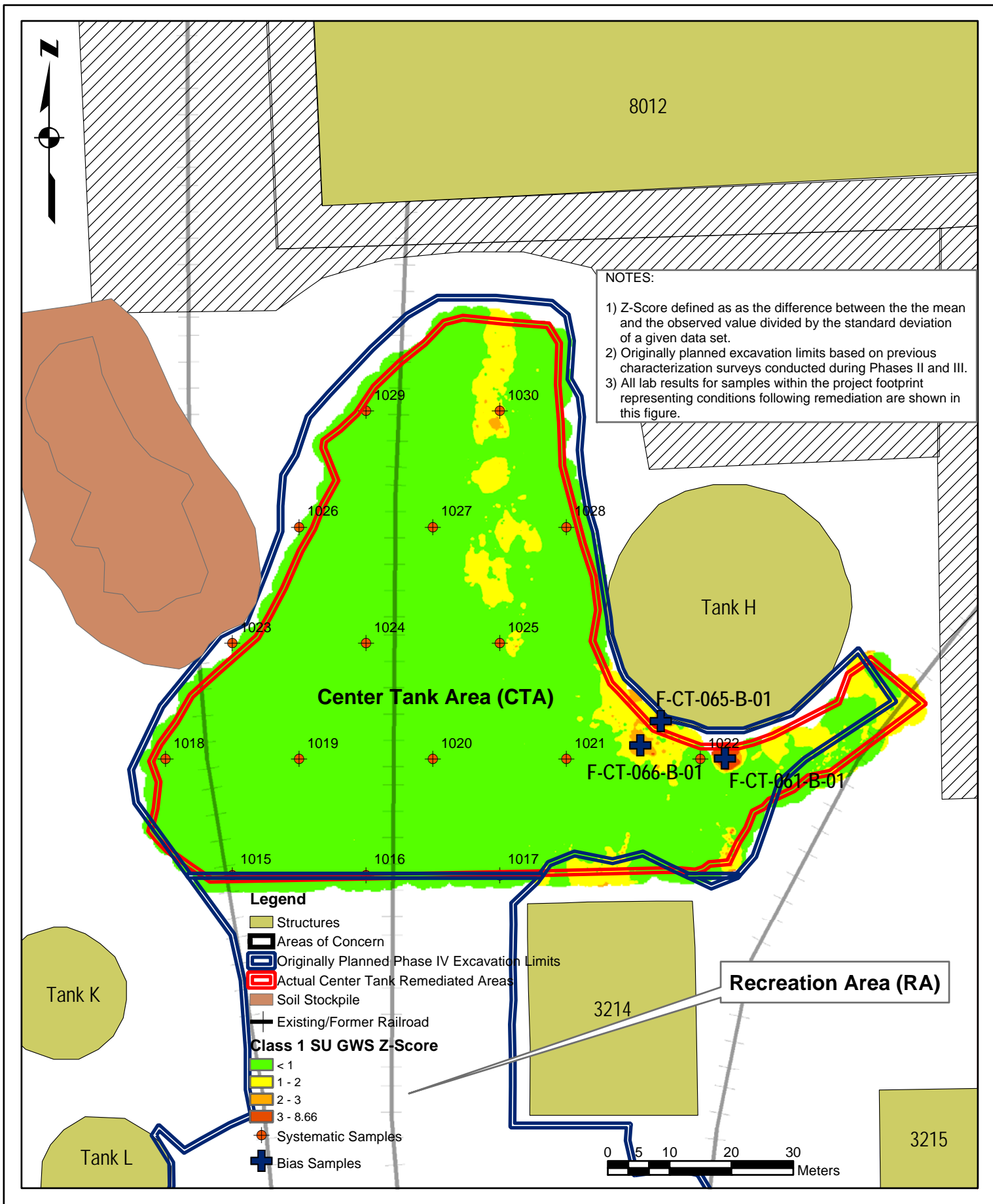
Figure 3

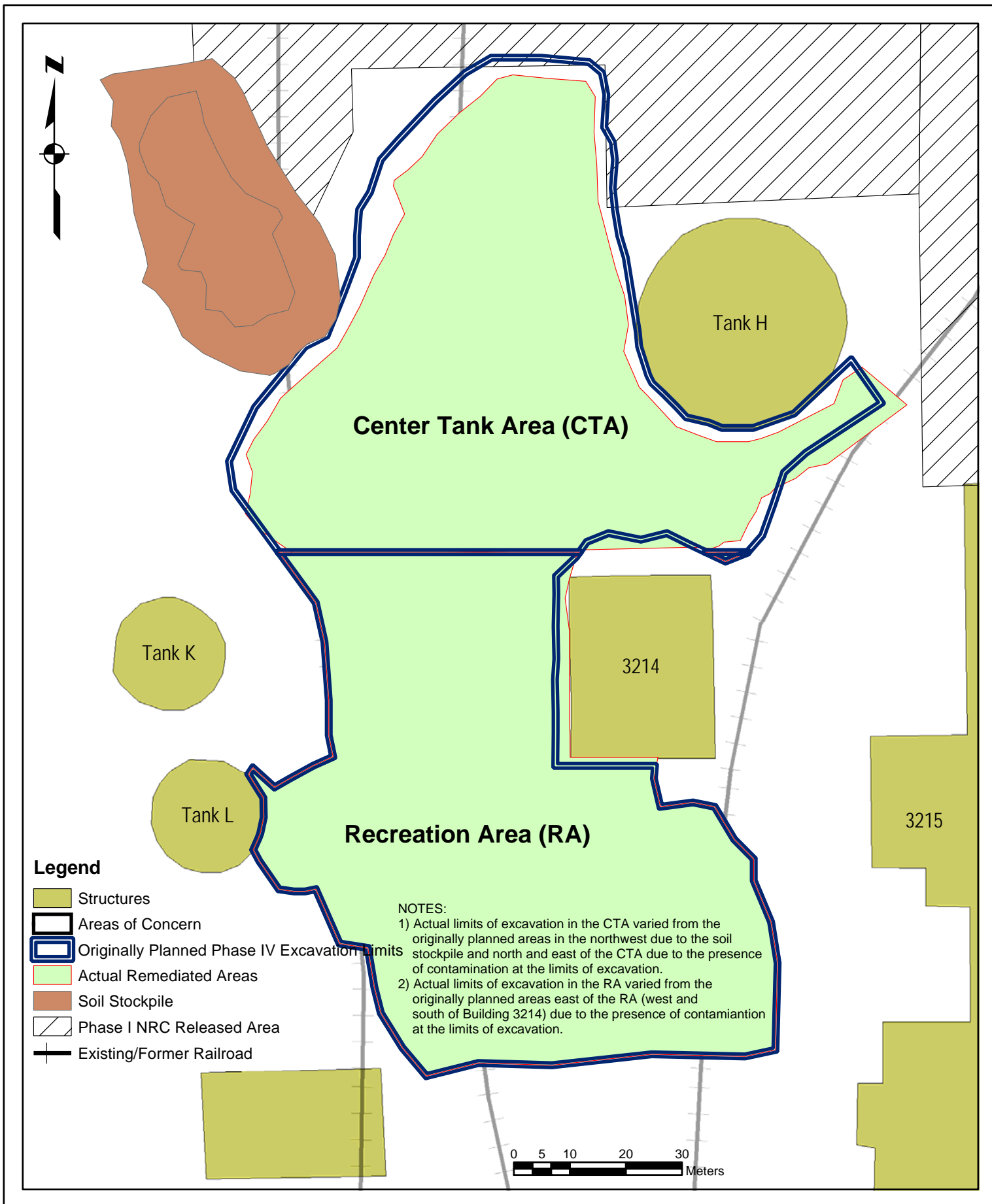


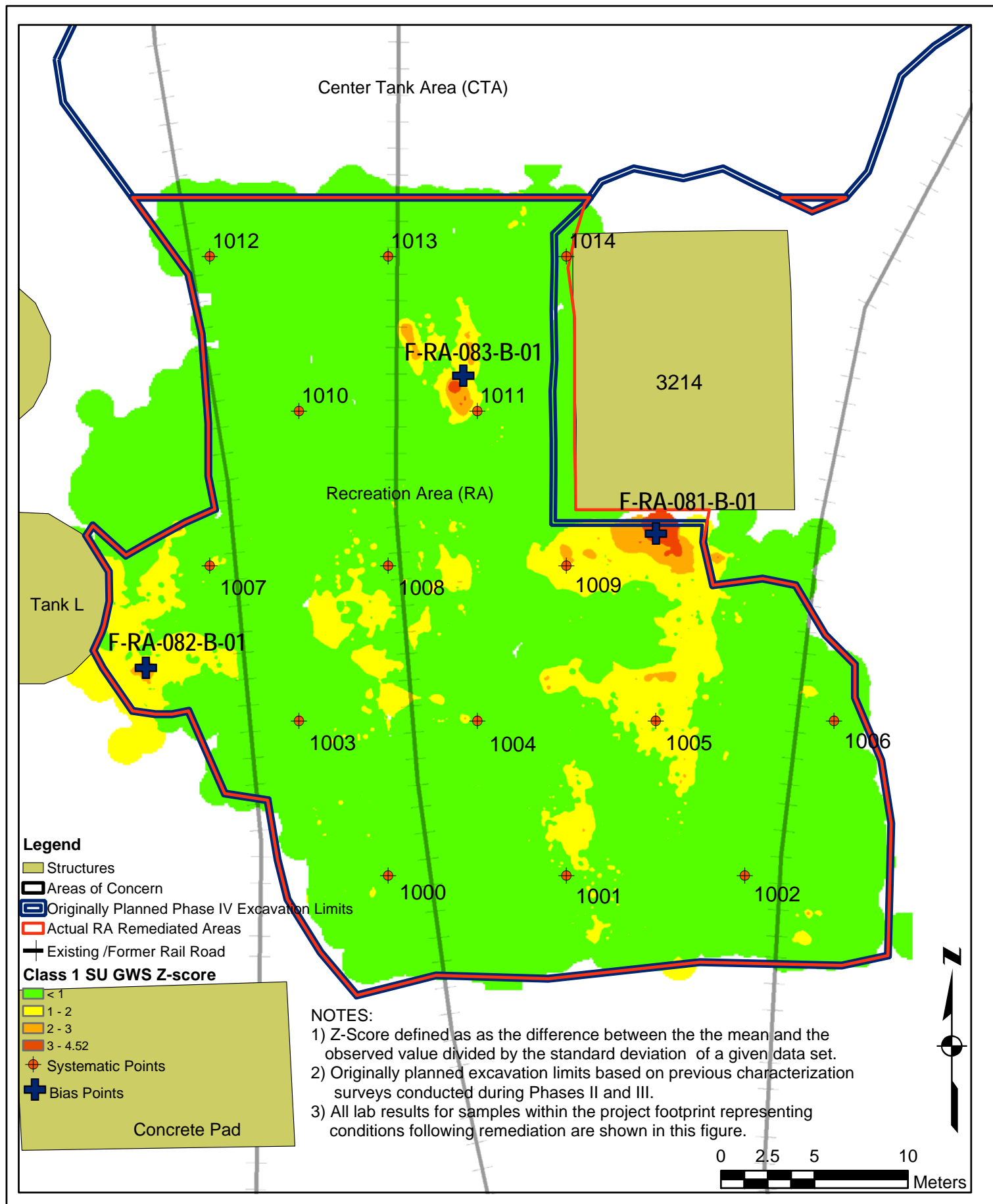
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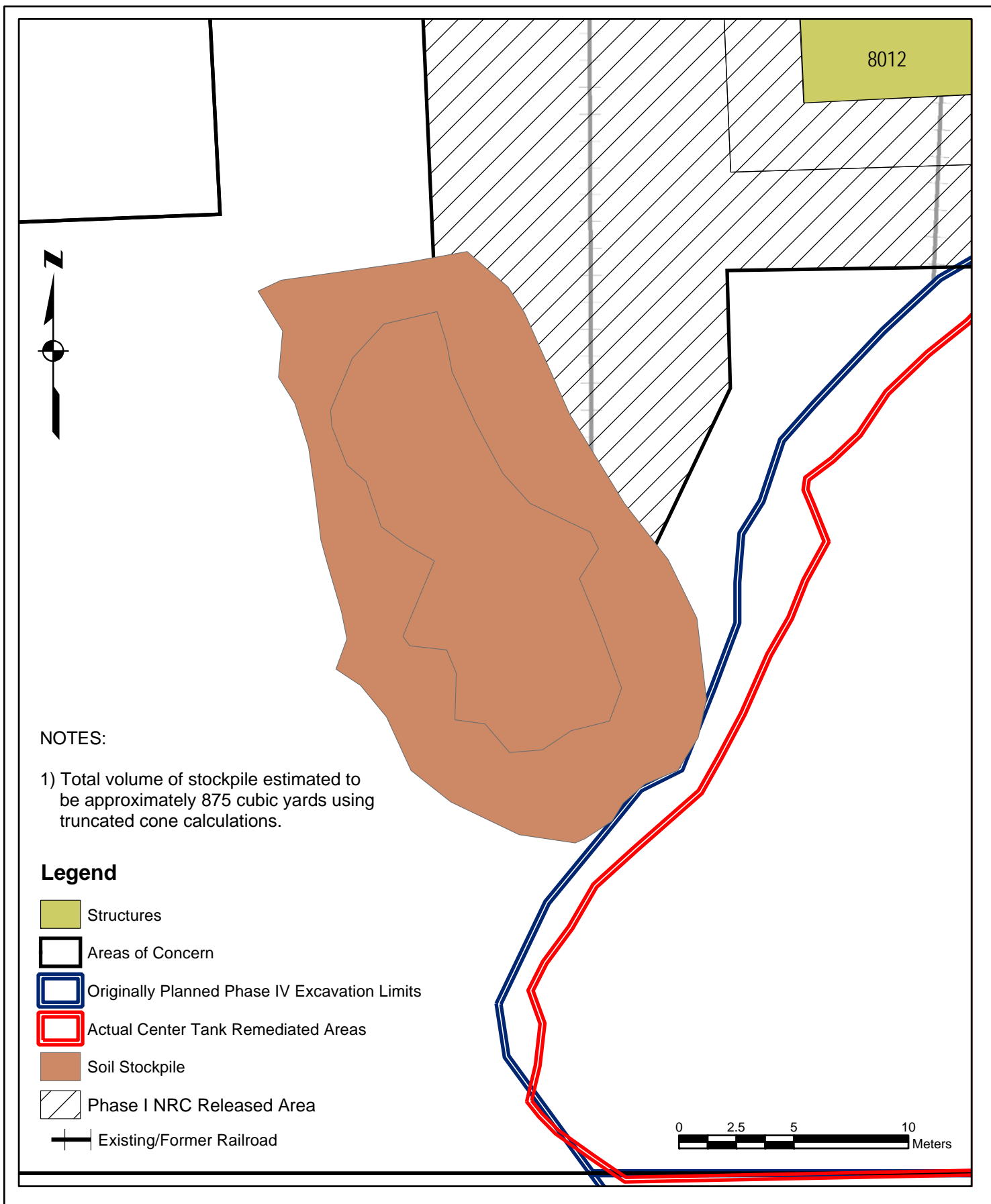
Z-Score is defined as the difference between the mean and the observed value divided by the standard deviation of a given data set.

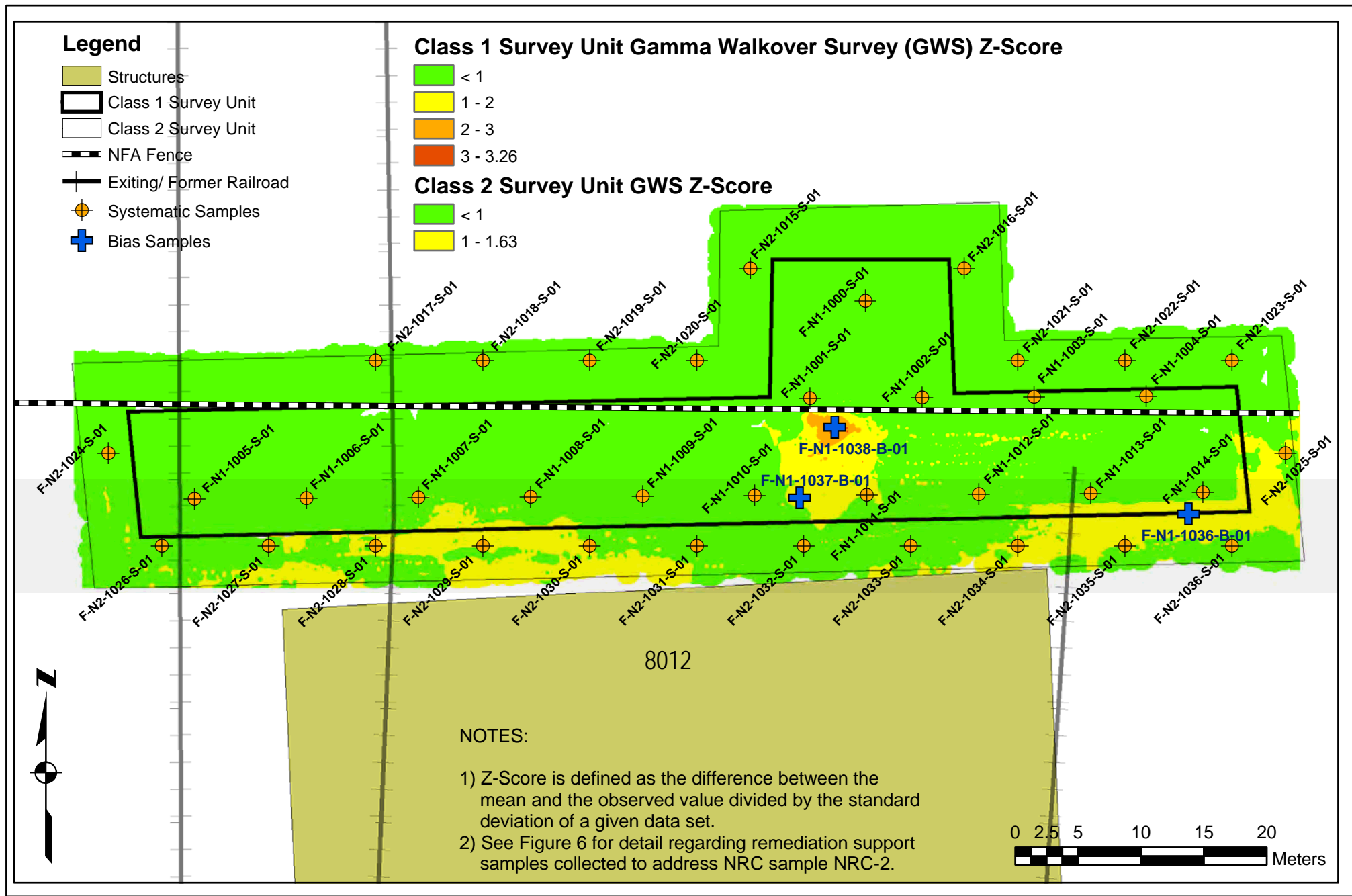


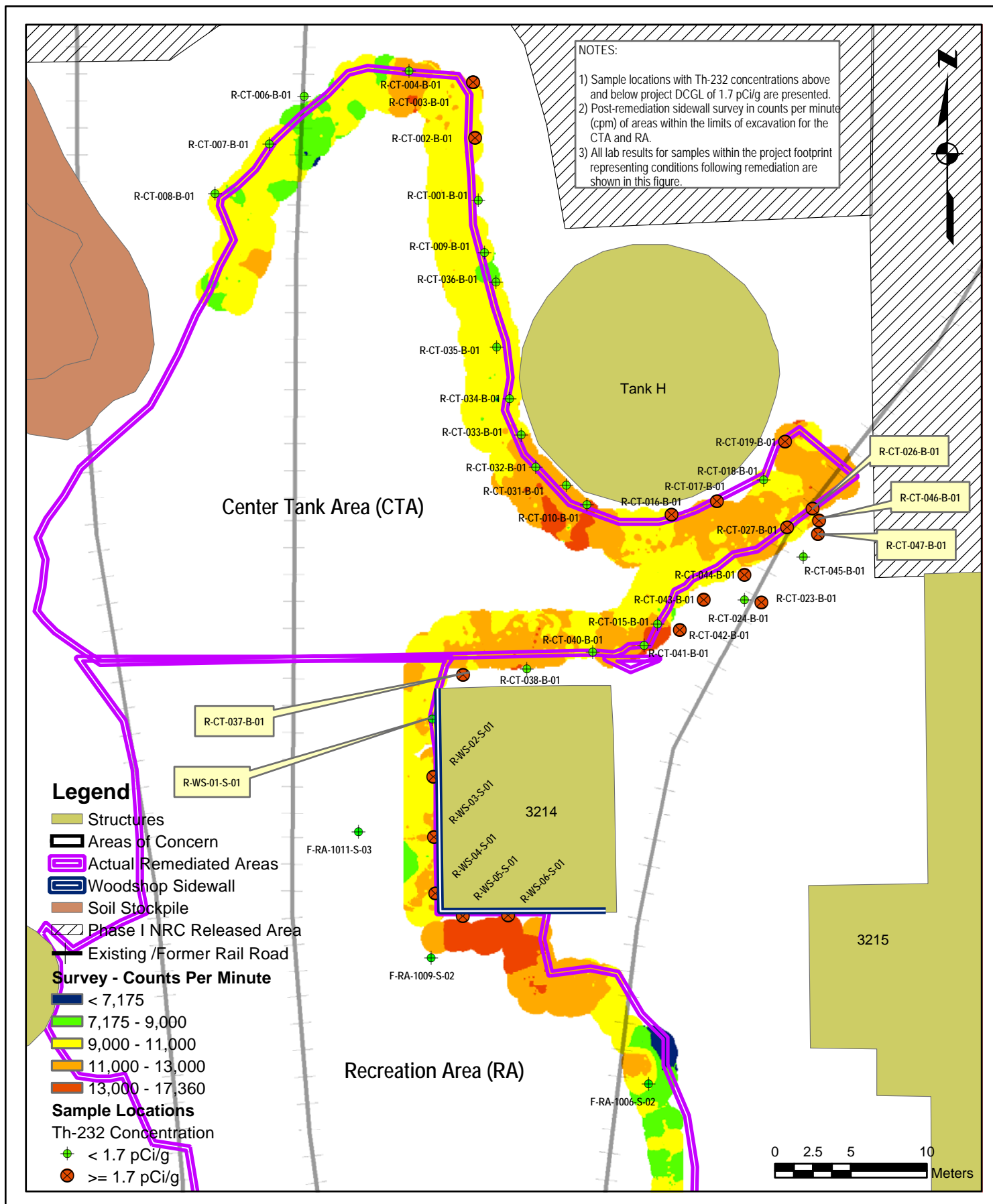












CABRERA SERVICES
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION

**Center Tank Area and Recreation
Area Elevated Th-232 Areas**
Naval Station Great Lakes

Date: May 2006
Project #: 05-3060.01
File Name: 05-3060.01_Fg11-GWS
Prepared By: BP

Figure 11

APPENDICES

(Appendices A-L submitted in electronic format on compact disk)

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Appendix A:
NRC Notifications
(Submitted in electronic format on compact disk)

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. Cabrera Services, Inc.</p> <p>2. 473 Silver Lane East Hartford, Connecticut 06118-1152</p>	<p>In accordance with letter dated September 20, 2004,</p> <p>3. License number 06-30556-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date June 30, 2010</p> <p>5. Docket No. 030-35316 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material with atomic numbers 1 through 83</p> <p>B. Any byproduct material with atomic numbers 84 through 103</p> <p>C. Uranium and Thorium</p> <p>D. Any special nuclear material</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 100 curies per radionuclide and 100 curies total</p> <p>B. 1 curie per radionuclide and 1 curie total</p> <p>C. 10,000 kilograms</p> <p>D. 200 grams uranium-233, or 350 grams uranium-235, or 200 grams plutonium, or any combination of these provided the sum of the ratios does not exceed unity</p>

9. Authorized use:

A through D: Receipt, storage, use, and/or possession incident to the following activities:

- (1) Decontamination, decommissioning, and remediation of facilities and grounds, equipment, and containers;
- (2) Site characterization;
- (3) Solidification and treatment of wastes;
- (4) Packaging for transport;

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

06-30556-01

Docket or Reference Number

030-35316

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- (5) Transport in packages or containers approved for use under the provisions of 10 CFR Part 71, for transfer to licensees authorized to receive the materials, in accordance with the terms and conditions of licenses issued by the NRC or an Agreement States; and
- (6) As calibration sources and reference standards for operational testing of radiation detection equipment.

CONDITIONS

- 10. Licensed material may be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
- 11. A. Licensed material shall be used by, or under the supervision of, Lorenzo Cabrera, Raymond E. Holmes; Steven Masciulli, Paul H. Schwartz, Henry Siegrist, and David J. Watters.
B. The Radiation Safety Officer for this license is Steven Masciulli, CHP, CSP.
- 12. Except for calibration sources and reference standards, possession of licensed material at each temporary job site shall be limited to material originating from each site. This material must either be transferred to an authorized recipient or remain at the site after activities authorized by this license are completed.
- 13. This license does not authorize the use of licensed material at temporary job sites for uses already specifically authorized by the customer's license. If a customer also holds a license issued by the NRC or an Agreement State, the licensee shall establish a written agreement between the licensee and the customer specifying which licensed activities shall be performed under the customer's license and supervision, and which licensed activities shall be performed under the licensee's supervision pursuant to this license. The agreement shall include a commitment by the licensee and customer to ensure safety, and any commitments by the licensee to help the customer clean up the temporary job site if there is an accident. A copy of the this agreement shall be included in the notification required by Condition 17.A. of this license.
- 14. Pursuant to 10 CFR Parts 30.11, 40.14, 70.14, and Condition 10 of this license, the licensee is exempted from the requirements of 10 CFR Parts 30.35, 40.36 and 70.25 to establish decommissioning financial assurance.
- 15. Notwithstanding the requirements in 10 CFR Parts 30.32(i), 40.31(j), and 70.22(i), the licensee is not required to establish an emergency plan. Before taking possession of licensed material at a temporary job site in quantities requiring an emergency plan, the licensee shall either:
 - (1) Obtain NRC approval of an evaluation demonstrating that an emergency plan is not required pursuant to 10 CFR Parts 30.32(i), 40.31(j), and 70.22(i); or

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- (2) Submit written confirmation to the Regional Administrator, U.S. Nuclear Regulatory Commission, Region I, ATTN: Director, Division of Nuclear Materials Safety, 475 Allendale Road, King of Prussia, Pennsylvania 19406, that the licensee personnel have been trained and will follow the provisions of an existing emergency plan approved by the NRC or an Agreement State for the temporary job site.
16. If approved by the Radiation Safety Officer specifically identified in this license, the licensee may take reasonable action in an emergency that departs from conditions in this license when action is immediately needed to protect public health and safety and no action consistent with all license conditions that can provide adequate or equivalent protection is immediately apparent. The licensee shall notify the NRC before, if practicable, and in any case, immediately after taking such emergency action using reporting procedure specified in 10 CFR Part 30.50(c).
17. A. At least 14 days before initiating activities at a temporary job site, the licensee shall notify, in writing, the Regional Administrator, U.S. Nuclear Regulatory Commission, Region I, ATTN: Director, Division of Nuclear Materials Safety, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The notification shall include the following information:
- (1) Estimated type, quantity, and physical/chemical form(s) of material;
 - (2) Specification of site location;
 - (3) Description of project activities including waste management and disposition;
 - (4) Estimated project start date and duration; and
 - (5) Identification of, and information on how to contact, key project personnel.
- B. Within 30 days of completing activities at each job site location, the licensee shall notify, in writing, the Regional Administrator, U.S. Nuclear Regulatory Commission, Region I, ATTN: Director, Division of Nuclear Materials Safety, 475 Allendale Road, King of Prussia, Pennsylvania 19406, of the temporary job site status and disposition of any licensed material used.
18. The licensee shall maintain records of information important to decommissioning each temporary job site at the applicable job site pursuant to 10 CFR Parts 30.35(g), 40.36(f), and 70.25(g). The records shall be made available to the customer upon request. At the completion of activities at a temporary job site, the licensee shall transfer these records to the customer for retention.
19. Licensed material shall not be used in or on human beings.
20. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.

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- C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- D. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.
- E. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- G. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- H. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
21. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
22. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
23. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
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24. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated February 20, 2000
- B. Letter dated May 27, 2000



For the U.S. Nuclear Regulatory Commission

Date September 28, 2004

Sattar Lodhi, Ph.D.
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

85140782



CABRERA SERVICES
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION

May 18, 2005

Regional Administrator
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406
ATTN: Director, Division of Nuclear Materials Safety

RE: Activities at temporary job site utilizing U.S. NRC Radioactive Material
License #06-30556-01 Amendment 01

Dear Sir or Madam:

Cabrera Services Inc. (CABRERA) is providing this written notification of its intent to utilize CABRERA Material License #06-30556-01 Amendment 01 at a temporary job site. The attached information is provided as required by license condition 17A.

We trust that this information is sufficient to grant our use of CABRERA material license # 06-30556-01 Amendment 01 at the temporary job site. This license is currently not in use at any other sites. CABRERA will notify the Regional Administrator, U.S. Nuclear Regulatory Commission, within 30 days of termination of activities at this job site in keeping with license condition 17B.

If you should have any questions regarding this notification, please contact either Henry W. Siegrist or David J. Watters at CABRERA (860) 569-0095.

Sincerely,

Henry W. Siegrist, P.E., CHP
Corporate Health Physicist

attachment

**ATTACHMENT
GREAT LAKES NAVAL TRAINING CENTER
GREAT LAKES, IL**

Cabrera Services, Inc. (CABRERA) is providing radiological remediation, sample analysis, and final status survey (FSS) at the Great Lakes Naval Training Center (Site) located in Great Lakes, Illinois. The work entails soil sample analysis associated with remediation and FSS activities at the Site. A gamma spectroscopy system using a non-exempt radioactive source will be utilized to calibrate sample analysis equipment used to provide the FSS for the Site. This information is being transmitted to you as required by condition 17A of the CABRERA Materials License.

BACKGROUND

The Site was formerly used by the Defense Logistics Agency as a storage area for strategic quantities of monazite sands containing thorium. Areas of potentially contaminated soil may be present in the survey units being remediated. The radiological contaminant of concern is natural thorium. The work evolution is associated with outside soils.

RADIOLOGICAL WORK DETAILS

CABRERA has prepared this notification to the NRC with respect to CABRERA's intent to utilize the CABRERA Materials License, number 06-30556-01 Amendment 01, at the Great Lakes Naval Training Center, Great Lakes, Illinois temporary job site. As required by condition 17A of the CABRERA Materials License, the following information is provided:

Surface soils will be collected and analyzed during remediation and FSS activities on the Site. The remediated areas are expected to result in the generation of approximately 400 cubic yards in-situ contaminated soil.

Collected soil samples will be dried, sieved, and placed into 1-liter marinelli containers for radiological analysis. The samples will be analyzed onsite utilizing portable gamma spectroscopy equipment. The gamma spectroscopy equipment will be calibrated using a sealed solid source geometry marinelli container maintained under CABRERA at the Site during the work evolution. Approximately 200 soil samples will be collected and analyzed onsite and up to 20 QA samples will be analyzed by an offsite laboratory licensed to perform this work.

Investigation derived wastes (IDW) will be handled in accordance with federal and state regulations. This includes onsite samples, small amounts of contaminated PPE and equipment (gloves, smears, used marinelli containers, etc.). Total IDW is expected to be several cubic feet in volume. Cabrera will not take possession of any radioactive materials derived from the Site.

A calibration source will be utilized during this work evolution. The calibration source to be controlled under CABRERA NRC Materials License (No. 06-30556-01) is an Isotope Products 1-L marinelli beaker, source number 1088-82-1. The source has an active volume of 1,000 ml and is contained in an epoxy matrix having a density of 1.5 g/cc.

The calibration source is a multinuclide gamma sealed source containing licensed material, Americium-241. Source 1088-82-1 has a total decayed activity (as of 5/6/05) of 2.14 μ Ci. No

other radioactive materials are requested for use by this notification. The isotopes and individual activities present in the marinelli source beaker is:

Source No. 1088-82-1

²⁴¹ Am	0.0892 μ Ci
¹⁰⁹ Cd	1.0847 μ Ci
⁵⁷ Co	0.0355 μ Ci
¹³⁹ Ce	0.0323 μ Ci
²⁰³ Hg	0.0339 μ Ci
¹¹³ Sn	0.1147 μ Ci
⁸⁵ Sr	0.0888 μ Ci
¹³⁷ Cs	0.2003 μ Ci
⁸⁸ Y	0.2256 μ Ci
⁶⁰ Co	0.2367 μ Ci

The marinelli source container will be shipped to the Site directly to a CABRERA Employee. Source controls and leak tests associated with the marinelli calibration source will be performed upon receipt and follow CABRERA NRC License conditions. In addition, CABRERA Radiation Safety Procedure "Use and Control of Radioactive Check Sources", OP-009, will be utilized to document the source receipt.

The radionuclide contaminant of concern potentially present in soil and samples from the Site is natural thorium and thorium progeny.

CABRERA NRC Materials License (No. 06-30556-01) requirements, including previously submitted procedures, will be adhered to with respect to the duration of this work evolution. Radiological surveys of affected work areas, and decontamination of equipment used for the work effort will be conducted after completion of remediation investigation activities to ensure the absence of radioactive contamination. These values are consistent with NRC Regulatory Guide 1.86.

The project marinelli source receipt date is on or about June 13, 2005. Work within this scope of remediation activity is expected to be completed prior to August 1, 2005. Non-radiological activities may commence onsite earlier than the dates noted above.

Key project personnel and supporting information is available from:

Ms. Pat Haworth – Officer in Charge
NAVSEADET RASO NWS
PO Drawer 260
Yorktown, VA 23691-0260
Tele (757) 887-4692

Mr. John Blayne Kirsch, P.E., PG – Coordinator, Environmental Business Line
Naval Facilities Engineering command – Midwest (NAVFAC MW)
ACOS Installations & Environment
Environmental Department
201 Decatur Avenue
Great Lakes, IL 60088-5600
Tele (847) 688-5999 x 145

Mr. Tim Taylor – CABRERA Project Manager
Cabrera Services, Inc.
10 Kearney Road
Suite 301
Needham Heights, MA 02494
Tele (781) 455-8787

Mr. Henry Siegrist, P.E., CHP – CABRERA Corporate Health Physicist
Cabrera Services, Inc.
473 Silver Lane
East Hartford, CT 06118
Tele (860) 569-0095 ext 18

Please contact Henry Siegrist (CABRERA) at (860) 569-0095 should you have any questions regarding this CABRERA notification of intent to utilize NRC Materials License, number 06-30556-01 Amendment No. 1.

This is to acknowledge the receipt of your letter/application dated

5/18/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Notification 06-30556-C1
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 137060.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader

NRC FORM 386 (R11)
(4-2004)UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 2 June 05 NUMBER OF PAGES: 2
(including this page)SEND TO: DAVE HORTONLOCATION: RIA Building 350 3rd Floor E26FAX NUMBER: 309-782-2988 ☐ VERIFY BY CALLING SENDERFROM: Gene Bonano
(SENDER)TELEPHONE NUMBER: 630-829-9826 FAX NUMBER: 630-515-1259

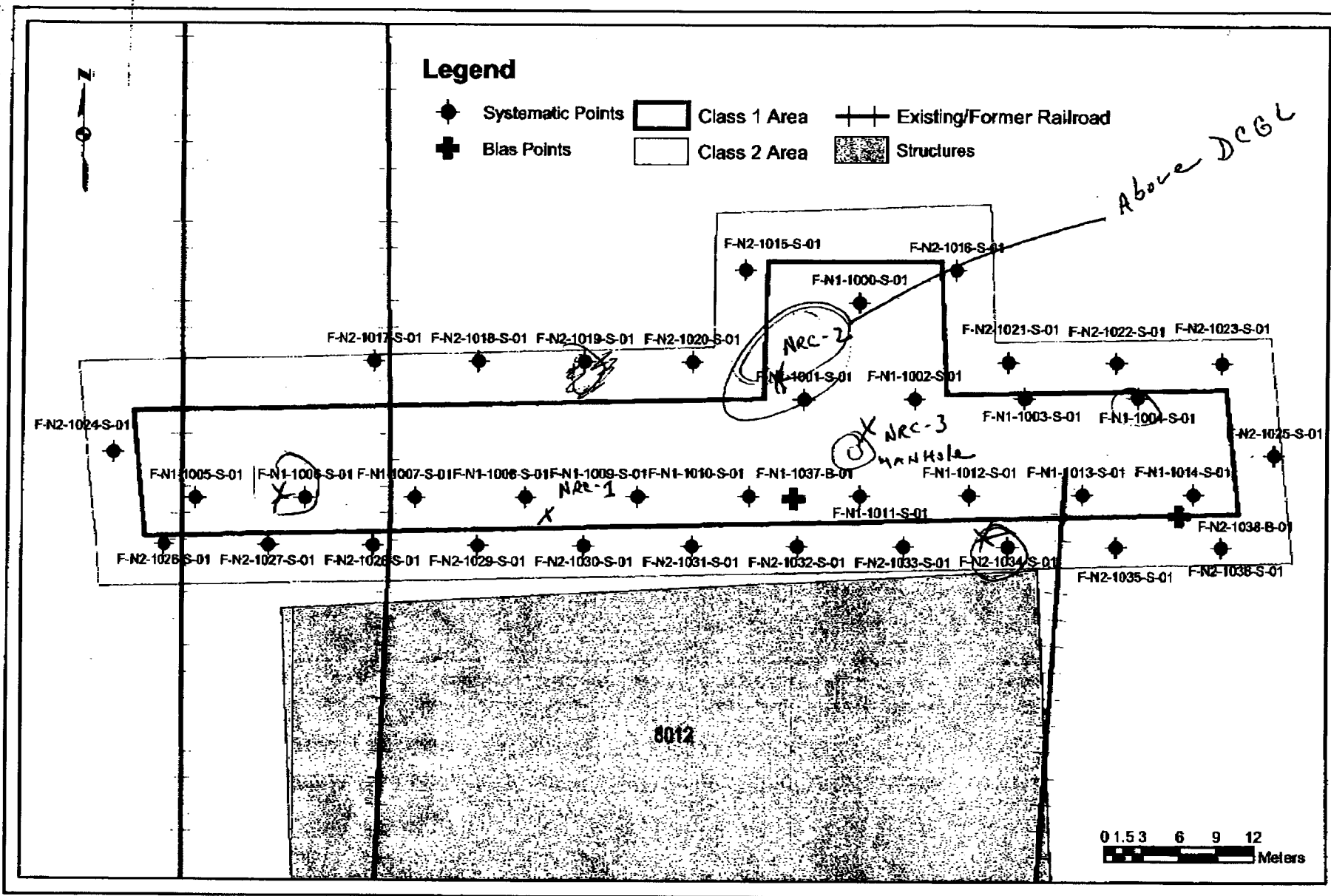
If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE

NW from F-NI-1001-S-01 towards
Fence

NOTICE

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original to the above address, by U.S. Mail. Thank you.



CABRERA SERVICES

RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION
WWW.CABRERASERVICES.COM

North Fence Area FSS
Sample Point Locations

Naval Station Great Lakes

Date: November 2004

Project #: 04-3050.17

File Name:
04-3050.17_Fig_NFA.mxd

Prepared By: JTM

**Figure
1**



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

June 15, 2005

Docket No. 03035316
Control No. 137060

License No. 06-30556-01

Henry W. Siegrist, P.E., C.H.P.
Corporate Health Physicist
Cabrera Services, Inc.
473 Silver Lane
East Hartford, CT 06118-1152

SUBJECT: CABRERA SERVICES, INC., ACCEPTANCE OF NOTIFICATION OF NEW
AUTHORIZED USERS, CONTROL NO. 137060

Dear Mr. Siegrist:

This is in reference to your letter dated May 18, 2005 notifying the NRC that you plan to conduct licensed activities at a temporary job site located at the Great Lakes Naval Training Center in Great Lakes, Illinois. This notification is being made in accordance with License Condition 17.A of License No. 06-30556-01. The NRC accepts this notification and we have no further questions at this time. We will review these operations during a future NRC inspection of your license. No further correspondence on this matter is required.

Your cooperation is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Kathy Dolce Modes", is written over a circular stamp. To the left of the signature is a large, stylized handwritten "fr".

Kathy Dolce Modes
Health Physicist
Materials Security and Industrial Branch
Division of Nuclear Materials Safety

cc:

Steven Masciulli, C.H.P., P.E., Radiation Safety Officer

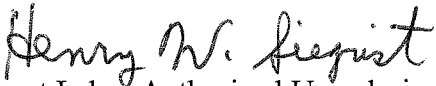


CABRERA SERVICES
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION

June 30, 2005

To: File

From: Henry W. Siegrist, Corporate Health Physicist

Subject: 
Great Lakes Authorized User designee when Cabrera Authorized User is not onsite

Authorized users for the Cabrera NRC Materials License number 06-30556-01 as listed by license condition 11.A include the following individuals:

Lorenzo Cabrera
Steven Masciulli
Paul Schwartz
Henry Siegrist
David Watters

Licensed material may be used by and under the supervision of the above listed individuals at job sites for activities incident to decontamination, decommissioning, and remediation of facilities and grounds, equipment and containers, site characterization, solidification and treatment of wastes, and packaging for transport.

The designee for the Authorized User when the authorized user is not onsite during activities associated with Great Lakes Naval Training Center, Great Lakes, Illinois is:

W. Wade Fillingame, Certified Senior Waste Broker
(Cabrera Services Inc. employee)

Mr. Fillingame has significant work experience and training including hazardous transportation training and U.S. Navy Nuclear Power training. He is knowledgeable of Cabrera procedures used at this job site. The NRC control number for the Cabrera Materials License use at this temporary jobsite is 137060.



CABRERA SERVICES
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION

August 16, 2005

Regional Administrator
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406
ATTN: Director, Division of Nuclear Materials Safety


RE: Completion of job activities at temporary job site utilizing U.S. NRC Radioactive
Material License #06-30556-01

Dear Sir or Madam:

Cabrera Services Inc. (CABRERA) is providing this written notification regarding the completion of job activities at a temporary job site utilizing CABRERA Material License #06-30556-01 Amendment 01. The attached information is provided as required by license condition 17B.

If you should have any questions regarding this notification, please contact either Henry W. Siegrist or David J. Watters at CABRERA (860) 285-1885.

Sincerely,


Henry Siegrist, CHP, P.E.
Corporate Health Physicist

attachment

ATTACHMENT
COMPLETION OF 2005 ACTIVITIES AT
GREAT LAKES NAVAL TRAINING CENTER
GREAT LAKES, ILLINOIS
(NRC Mail Control 137060)

Cabrera Services, Inc. (CABRERA) provided radiological remediation, characterization, sample analysis, and final status surveys at the Great Lakes Naval Training Center (Site) located in Great Lakes, Illinois. The work included soil sample analysis associated with remediation, characterization and final status survey activities for on-site soils. A gamma spectroscopy system with a non-exempt calibration source was used at the site for soils analysis. The following information is being transmitted to you as required by condition 17B of the CABRERA Materials License.

- (1) The radioactive material examined during the remedial investigation consisted of natural thorium associated with monazite-contaminated soils at the Great Lakes Naval Training Center Site. Soils were collected and analyzed on-site as part of remediation and characterization activities.

Contaminated soils exceeding the thorium DCGL were shipped to U.S. Ecology at Grand View, ID and disposed of under the U.S. Army Field Support Command (AFSC) radioactive waste program. All CABRERA site activities for this work evolution were completed by August 10, 2005. Additional contaminated soil remains onsite pending work to be performed at a future date.

- (2) Gamma spectroscopy equipment used to analyze the soils was calibrated on-site with an Isotope Products multinuclide gamma source (1-L marinelli beaker, source number 1088-82-1) containing licensed material, americium-241. The source was removed from the site on August 5, 2005 and returned to an appropriate off site storage location. Delivery of this non-exempt source was confirmed by telephone on August 9, 2005. The control of this source constituted the only use of the Cabrera Material License at the Great Lakes Naval Training Center Site during this work evolution.
- (3) Receipt survey of the licensed multinuclide gamma source showed no leakage or contamination in excess of license requirement item 20F (0.005 microcurie removable activity). The source was maintained in a locked fire-resistant container when not in use and was under CABRERA control or in a locked trailer at all times while on the Great Lakes Naval Training Center Site.
- (4) Small amounts of shop waste (gloves, booties, paper towel, plastic sheeting, etc.) as well as investigative derived waste (IDW) produced during remediation and FSS processes were controlled and disposed of with the contaminated soils sent to U.S. Ecology. Soil samples collected for analysis this year and not sent to an outside laboratory for QA duplicate analysis are currently stored onsite. The Navy controls the site.
- (5) Radiological surveys associated with this remediation and FSS, were conducted by CABRERA after completion of work activities to ensure the absence of thorium contamination on equipment associated with sampling.
- (6) Four (4) exempt quantity check sources and standards used to provide daily QC and efficiency checks of radiological monitoring and measuring equipment were removed from the Great Lakes Naval Training Center Site on August 10, 2005. No CABRERA radioactive sources remain on site.

Appendix B:
Remediation Support Sample Results
(Submitted in electronic format on compact disk)

Appendix B
Center Tank Area
Remediation Support Sample Results

Sample ID	Easting (X) (meters)	Northing (Y) (meters)	Depth (ft bgs)	Date Sample Collected	Th-232 Results (pCi/g)			
					Result		Uncertainty	MDC
R-CT-001-B-01	337875.7	626136.4	1	6/24/2005	1.56E+00	±	2.20E-01	2.63E-01
R-CT-002-B-01	337875.5	626140.5	1	6/24/2005	1.73E+00	±	2.35E-01	2.83E-01
R-CT-003-B-01	337875.4	626144.1	1	6/24/2005	2.13E+00	±	2.42E-01	2.79E-01
R-CT-004-B-01	337871.2	626144.9	1	6/24/2005	1.41E+00	±	2.03E-01	3.27E-01
R-CT-005-B-01	337886.9	626144.7	1	6/24/2005	1.42E+00	±	2.09E-01	3.34E-01
R-CT-006-B-01	337864.3	626143.2	1	6/24/2005	1.40E+00	±	2.51E-01	3.08E-01
R-CT-007-B-01	337862.0	626140.1	1	6/27/2005	1.58E+00	±	2.30E-01	3.27E-01
R-CT-008-B-01	337858.4	626136.8	1	6/27/2005	1.69E+00	±	2.10E-01	3.01E-01
R-CT-009-B-01	337876.1	626133.0	1	6/27/2005	1.37E+00	±	2.10E-01	3.12E-01
R-CT-010-B-01	337882.8	626116.4	1	6/28/2005	1.67E+00	±	2.46E-01	3.65E-01
R-CT-011-B-01	337886.1	626115.0	1	6/28/2005	1.22E+00	±	2.61E-01	3.52E-01
R-CT-012-B-01	337887.3	626114.7	1	6/28/2005	5.37E-01	±	0.00E+00	5.55E-01
R-CT-013-B-01	337887.6	626113.0	1	6/28/2005	2.70E+00	±	2.90E-01	4.24E-01
R-CT-014-B-01	337885.9	626110.3	1	6/28/2005	2.88E+00	±	3.08E-01	3.86E-01
R-CT-015-B-01	337887.5	626108.6	1	6/28/2005	1.13E+00	±	2.08E-01	3.29E-01
R-CT-016-B-01	337888.4	626115.8	1	6/28/2005	6.22E+00	±	4.18E-01	5.57E-01
R-CT-017-B-01	337891.5	626116.4	1	6/28/2005	1.79E+00	±	2.70E-01	4.23E-01
R-CT-018-B-01	337894.5	626118.0	1	6/28/2005	1.42E+00	±	2.50E-01	4.29E-01
R-CT-019-B-01	337895.9	626120.6	1	6/28/2005	1.71E+00	±	2.68E-01	3.73E-01
R-CT-020-B-01	337895.6	626123.5	1	6/28/2005	3.49E+00	±	3.13E-01	4.15E-01
R-CT-021-B-01	337898.5	626124.5	1	6/28/2005	7.61E+00	±	4.26E-01	4.84E-01
R-CT-022-B-01	337907.6	626111.5	1	6/28/2005	1.12E+01	±	5.16E-01	5.69E-01
R-CT-023-B-01	337894.3	626110.0	1	6/28/2005	1.71E+00	±	2.83E-01	3.17E-01
R-CT-024-B-01	337893.2	626110.2	1	6/28/2005	1.38E+00	±	2.31E-01	3.26E-01
R-CT-025-B-01	337897.7	626126.7	1	6/29/2005	1.69E+00	±	2.42E-01	2.81E-01
R-CT-026-B-01	337896.9	626116.7	1	6/29/2005	5.04E+00	±	3.35E-01	4.07E-01
R-CT-027-B-01	337895.4	626115.9	1	6/29/2005	2.76E+00	±	2.69E-01	3.50E-01
R-CT-028-B-01	337897.9	626123.4	1	6/29/2005	1.54E+00	±	2.57E-01	3.51E-01
R-CT-029-B-01	337905.1	626135.4	1	6/29/2005	7.84E+00	±	4.41E-01	4.78E-01
R-CT-030-B-01	337903.9	626136.5	1	6/29/2005	6.44E-01	±	1.78E-01	2.36E-01
R-CT-031-B-01	337881.5	626117.7	1	6/29/2005	9.46E-01	±	1.97E-01	2.91E-01
R-CT-032-B-01	337879.5	626118.9	1	6/29/2005	9.77E-01	±	2.04E-01	3.44E-01
R-CT-033-B-01	337878.5	626121.0	1	6/29/2005	1.24E+00	±	0.00E+00	8.27E-01
R-CT-034-B-01	337877.8	626123.4	1	6/29/2005	1.62E+00	±	2.28E-01	2.90E-01
R-CT-035-B-01	337876.9	626126.8	1	6/29/2005	7.09E-01	±	1.62E-01	2.34E-01
R-CT-036-B-01	337876.9	626131.0	1	6/29/2005	9.92E-01	±	1.82E-01	2.65E-01
R-CT-037-B-01	337874.7	626105.2	1	6/29/2005	4.21E+00	±	3.38E-01	4.86E-01
R-CT-038-B-01	337878.9	626105.7	1	6/29/2005	1.35E+00	±	2.15E-01	2.42E-01
R-CT-039-B-01	337883.8	626114.0	1	6/29/2005	1.70E+00	±	2.45E-01	3.67E-01
R-CT-040-B-01	337883.2	626106.8	1	6/30/2005	2.01E-01	±	0.00E+00	4.11E-01
R-CT-041-B-01	337886.6	626107.2	1	6/30/2005	5.40E-01	±	0.00E+00	5.03E-01
R-CT-042-B-01	337888.9	626108.2	1	6/30/2005	7.15E+00	±	4.11E-01	4.79E-01
R-CT-043-B-01	337890.5	626110.2	1	6/30/2005	2.27E+00	±	2.56E-01	3.33E-01
R-CT-044-B-01	337893.2	626111.8	1	6/30/2005	2.19E+00	±	2.47E-01	2.62E-01
R-CT-045-B-01	337897.1	626113.0	1	6/30/2005	9.33E-01	±	2.02E-01	2.53E-01
R-CT-046-B-01	337898.1	626115.4	1	6/30/2005	1.81E+00	±	2.36E-01	2.43E-01
R-CT-047-B-01	337898.0	626114.5	1	6/30/2005	2.65E+00	±	2.83E-01	3.13E-01
R-CT-048-B-01	337880.0	626154.4	1	6/30/2005	1.29E+00	±	2.06E-01	2.99E-01
R-CT-049-B-01	337888.5	626137.7	1	6/30/2005	7.09E-01	±	1.77E-01	2.40E-01
R-CT-050-B-01	337892.5	626137.4	1	6/30/2005	9.64E-01	±	2.03E-01	3.51E-01
R-CT-051-B-01	337894.3	626138.2	1	6/30/2005	7.40E-01	±	1.95E-01	2.87E-01
R-CT-052-B-01	337897.1	626133.0	1	6/30/2005	1.01E+00	±	2.14E-01	2.18E-01

Notes:

Uncertainties are reported based on a 95% (i.e., 2σ) confidence level

MDCs are reported based on a 95% (i.e., 2σ) confidence level

Locations (x, y, z-coordinates) of "remediation samples" identified in this table were removed during remediation, based on initial screening-level gamma walkover survey and laboratory results, to achieve project DCGLs.

Appendix B
North Fence Area, Recreation Area, and Additional Areas
Remediation Support Sample Results

Sample ID	Easting (X) (meters)	Northing (Y) (meters)	Depth (ft bgs)	Date Sample Collected	Th-232 Results (pCi/g)			
					Result		Uncertainty	MDC
R-N1-87-B-01	337900.8	626198.4	1	6/22/2005	6.33E-01	±	0.00E+00	8.32E-01
R-N1-88-B-01	337901.9	626199.0	1	6/22/2005	6.76E-01	±	2.16E-01	3.18E-01
R-N1-89-B-01	337902.9	626198.3	1	6/22/2005	2.55E+00	±	3.06E-01	3.58E-01
R-N1-90-B-01	337901.6	626197.0	1	6/22/2005	7.80E-01	±	1.83E-01	2.68E-01
R-N1-91-B-01	337901.9	626198.2	1	6/22/2005	9.07E-01	±	2.09E-01	2.52E-01
R-RA-069-B-01	337865.0	626093.8	1	6/23/2005	3.76E+00	±	3.03E-01	3.36E-01
R-RA-070-B-01	337877.6	626089.2	1	6/23/2005	3.28E+00	±	3.07E-01	3.61E-01
R-RA-071-B-01	337874.6	626088.3	1	6/23/2005	1.51E+00	±	2.38E-01	2.79E-01
R-RA-072-B-01	337876.9	626087.2	1	6/23/2005	1.30E+00	±	2.11E-01	3.05E-01
R-RA-073-B-01	337877.9	626084.5	1	6/23/2005	7.83E-01	±	1.97E-01	3.11E-01
R-RA-074-B-01	-	-	1	7/25/2005	6.32E-01	±	0.00E+00	5.50E-01
R-RA-075-B-01	-	-	1	7/25/2005	1.11E+00	±	2.11E-01	2.92E-01
R-RA-076-B-01	-	-	1	7/25/2005	8.53E-01	±	1.83E-01	2.65E-01
R-RA-077-B-01	-	-	1	7/25/2005	5.32E-01	±	1.69E-01	2.46E-01
R-RA-078-B-01	-	-	1	7/25/2005	6.89E-01	±	0.00E+00	6.02E-01
R-RA-079-B-01	-	-	1	7/25/2005	8.74E+00	±	4.70E-01	5.98E-01
R-WS-01-S-01	337872.4	626102.4	1	7/15/2005	1.34E+00	±	2.07E-01	2.07E-01
R-WS-02-S-01	337872.3	626098.6	1	7/15/2005	2.17E+00	±	2.48E-01	3.61E-01
R-WS-03-S-01	337872.3	626094.6	1	7/15/2005	3.09E+00	±	2.94E-01	3.23E-01
R-WS-04-S-01	337872.4	626090.9	1	7/15/2005	1.85E+00	±	2.28E-01	2.22E-01
R-WS-05-S-01	337874.7	626089.4	1	7/15/2005	3.18E+00	±	2.79E-01	3.85E-01
R-WS-06-S-01	337877.7	626089.5	1	7/15/2005	4.92E+00	±	3.36E-01	3.80E-01
C-OF-001-B-01	338007.5	626195.6	1	7/20/2005	21.12	±	0.82	0.71

Notes:

Uncertainties are reported based on a 95% (i.e., 2σ) confidence level

MDCs are reported based on a 95% (i.e., 2σ) confidence level

Locations (x, y, z-coordinates) of "remediation samples" identified in this table were removed during remediation, based on initial screening-level gamma walkover survey and laboratory results, to achieve project DCGLs.

Appendix C:
Paragon Analytics Laboratory Results
(Submitted in electronic format on compact disk)

Appendix D:
Final Status Survey Transmittal Packages
(Submitted in electronic format on compact disk)



CABRERA SERVICES
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION

**GREAT LAKES FINAL STATUS SURVEY
TRANSMITTAL FORM
(August 2, 2005)**

SURVEY UNIT: CT-SU-1

Attachment 1 – Gamma Walkover Survey Z-Score and Sample Locations

Attachment 2 – Soil Sample Activity Concentrations

Attachment 3 – Survey Unit Statistics Summary

Attachment 4 – Retrospective Power Test

Attachment 5 – WRS Test

Based on evaluation of the attached data, CABRERA, recommends release of the above survey unit lift for unrestricted use. The survey unit meets MARSSIM Final Status Release Criteria.

Dave Waters, CHP
Vice President of Operations

8-2-05
date

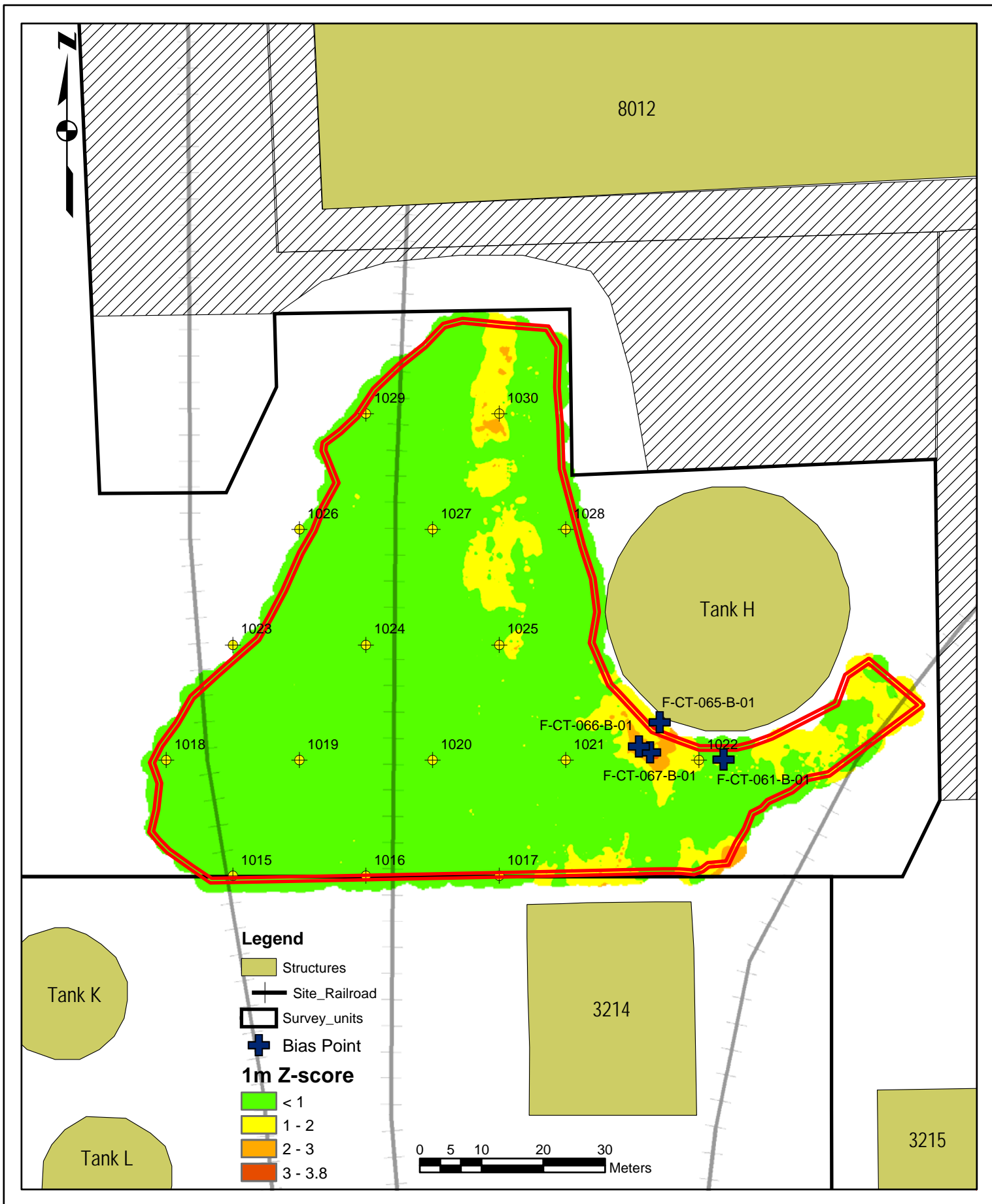
APPROVED
NAVSEADET RASO Project Manager

date

Attachment 1

Gamma Walkover Survey Z-Score and Sample Locations

Figure 1 – Central Tank Area Survey Unit CT-SU-1



Attachment 2
Soil Sample Activity Concentrations
Central Tank Area Survey Unit
CT-SU-1

Final Status Survey Soil Samples

Location I/D	Units	Ac-228 Result		Uncertainty	MDA	Sample Analysis Date/Time	Duration	Dead Time
F-CT-1015-01	(pCi/gram)	5.99E-01	±	7.38E-01	6.43E-01	7/13/2005 14:34	420.0 seconds	0.09%
F-CT-1016-01	(pCi/gram)	1.03E+00	±	1.88E-01	2.70E-01	7/13/2005 14:45	420.0 seconds	0.12%
F-CT-1017-04	(pCi/gram)	1.43E+00	±	2.22E-01	3.02E-01	7/27/2005 13:33	420.0 seconds	0.16%
F-CT-1018-01	(pCi/gram)	7.90E-01	±	1.48E-01	2.40E-01	7/13/2005 15:30	600.0 seconds	0.09%
F-CT-1019-01	(pCi/gram)	1.21E+00	±	2.06E-01	2.78E-01	7/13/2005 15:46	420.0 seconds	0.13%
F-CT-1020-02	(pCi/gram)	3.48E-01	±	ND**	5.59E-01	7/20/2005 10:57	420.0 seconds	0.10%
F-CT-1021-02	(pCi/gram)	1.07E+00	±	1.95E-01	2.72E-01	7/20/2005 11:09	420.0 seconds	0.15%
F-CT-1022-01	(pCi/gram)	1.12E+00	±	1.90E-01	3.38E-01	7/14/2005 8:21	420.0 seconds	0.15%
F-CT-1023-01	(pCi/gram)	4.87E-01	±	1.44E-01	1.66E-01	7/14/2005 8:33	420.0 seconds	0.08%
F-CT-1024-01	(pCi/gram)	9.25E-01	±	ND**	7.20E-01	7/14/2005 8:44	420.0 seconds	0.14%
F-CT-1025-01	(pCi/gram)	1.28E+00	±	2.23E-01	3.29E-01	7/14/2005 9:57	420.0 seconds	0.16%
F-CT-1026-01	(pCi/gram)	8.01E-01	±	1.73E-01	2.44E-01	7/14/2005 10:09	420.0 seconds	0.09%
F-CT-1027-01	(pCi/gram)	8.43E-01	±	1.97E-01	2.55E-01	7/14/2005 10:20	420.0 seconds	0.10%
F-CT-1028-01	(pCi/gram)	8.32E-01	±	2.09E-01	3.35E-01	7/14/2005 10:30	420.0 seconds	0.15%
F-CT-1029-01	(pCi/gram)	9.37E-01	±	2.18E-01	3.10E-01	7/14/2005 10:46	420.0 seconds	0.14%
F-CT-1030-02	(pCi/gram)	9.16E-01	±	1.84E-01	2.76E-01	7/20/2005 11:21	420.0 seconds	0.14%
F-CT-061-B-01	(pCi/gram)	6.90E-01	±	1.87E-01	2.10E-01	7/29/2005 8:47	420.0 seconds	0.11%
F-CT-065-B-01	(pCi/gram)	1.17E+00	±	2.55E-01	4.20E-01	7/29/2005 13:20	420.0 seconds	0.13%
F-CT-066-B-01	(pCi/gram)	1.00E+00	±	2.06E-01	3.40E-01	7/29/2005 13:57	420.0 seconds	0.14%
F-CT-067-B-01	(pCi/gram)	9.80E-01	±	2.32E-01	2.80E-01	8/2/2005 11:55	420.0 seconds	0.14%
Average*		0.91						
SD*		0.28						

* Average and SD does not include bias sample F-CT-061-B-01, F-CT-065-B-01, F-CT-066-B-01, F-CT-067-B-01; bias sample location based on contouring of gross sample counts

** Not Determined; Sample result is non detectable - Ac-228 Result and MDA are based upon 911.2 keV energy; no uncertainty is associated with this measurement

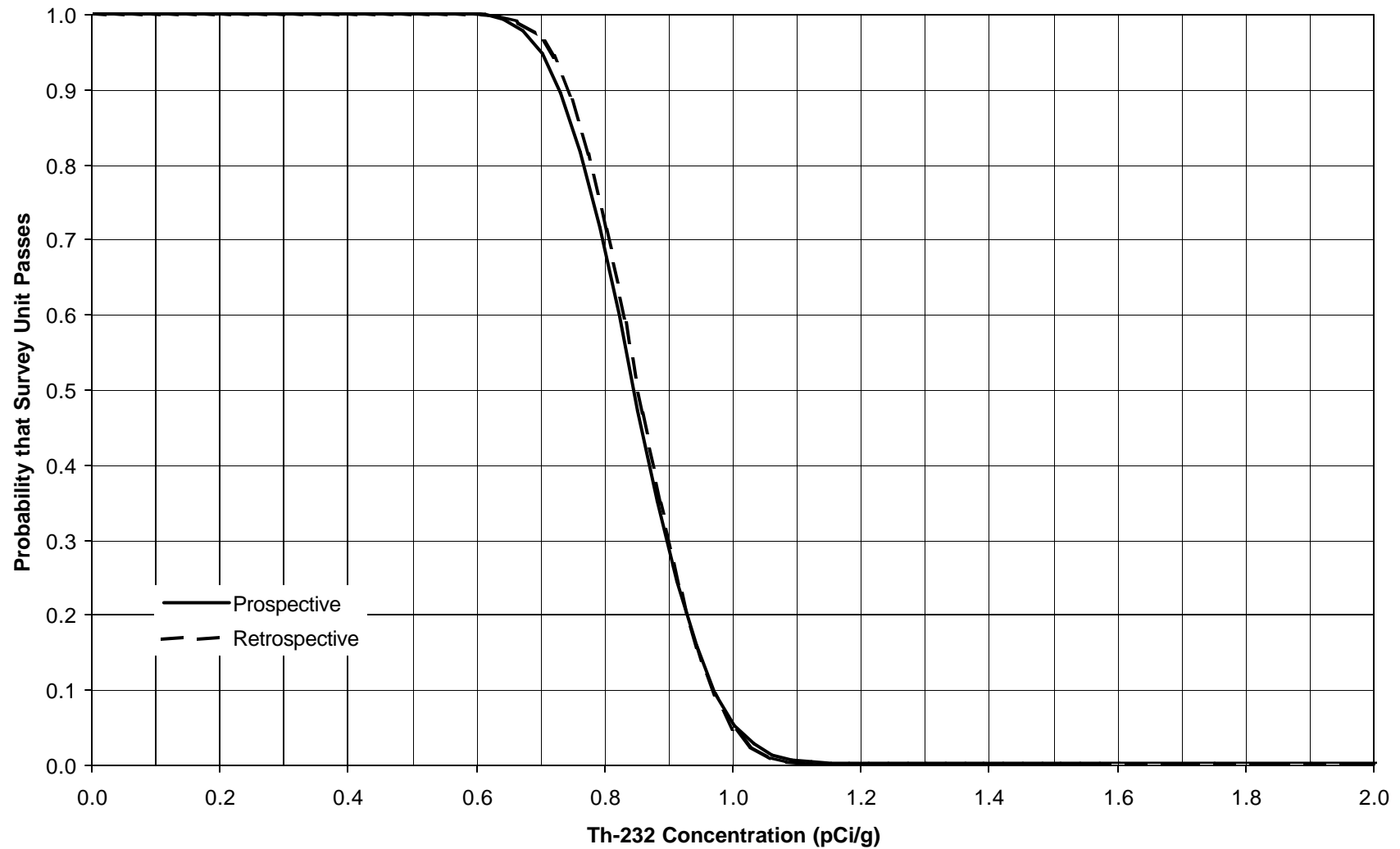
1.43E+00

Attachment 3

Central Tank Area Survey Unit CT-SU-1 Statistics Summary

Survey Unit Statistic	Final Status Survey Statistics
	CT-SU-1
Reference Area Sample Size, m	34
SU Sample Size, n	16
Calculated Wcrit (retrospective power test)	946.1
WRS Sum of Reference Ranks	1139
Prospective Assumed Sigma, pCi/g ²³² Th	0.30
SU Sample Average, pCi/g ²³² Th	0.91
SU Sample Maximum, pCi/g ²³² Th	1.43
SU Sample Minimum, pCi/g ²³² Th	0.35
SU Sample Retrospective Sigma, pCi/g ²³² Th	0.28
SU Bias Sample Maximum, pCi/g ²³² Th	1.17
SU Bias Sample Minimum, pCi/g ²³² Th	0.69
Reference Area Average, pCi/g ²³² Th	0.86
Ref Area Retrospective Sigma, pCi/g ²³² Th	0.10
WRS Test Results (Pass or Fail)	Pass

Appendix 4
Great Lakes Center Tank Area CT-SU-1
Prospective and Retrospective Power Test



Appendix 5
Great Lakes Center Tank Area CT-SU-1
WRS Test

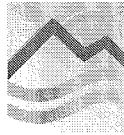
Great Lakes FSS CT-SU-1

DCGL = 1 (same units as measurement results)

Results (pCi/g)	Survey Area	Adjusted Data	Ranks	References Area Ranks
0.76	R	1.76	24	24
0.70	R	1.70	19	19
0.86	R	1.86	36	36
0.73	R	1.73	20	20
0.82	R	1.82	30	30
0.93	R	1.93	43	43
0.96	R	1.96	45	45
0.86	R	1.86	35	35
0.90	R	1.90	38	38
0.83	R	1.83	31	31
0.81	R	1.81	28	28
1.04	R	2.04	49	49
1.02	R	2.02	48	48
0.79	R	1.79	26	26
0.69	R	1.69	18	18
0.76	R	1.76	23	23
0.89	R	1.89	37	37
0.85	R	1.85	32	32
0.99	R	1.99	47	47
0.81	R	1.81	29	29
0.98	R	1.98	46	46
0.79	R	1.79	27	27
0.91	R	1.91	39	39
0.78	R	1.78	25	25
0.85	R	1.85	34	34
0.91	R	1.91	41	41
0.95	R	1.95	44	44
0.75	R	1.75	22	22
1.10	R	2.10	50	50
0.85	R	1.85	33	33
0.93	R	1.93	42	42
0.73	R	1.73	21	21
0.91	R	1.91	40	40
0.69	R	1.69	17	17
0.60	S	0.60	3	0
1.03	S	1.03	11	0
1.43	S	1.43	16	0
0.79	S	0.79	4	0
1.21	S	1.21	14	0
0.35	S	0.35	1	0
1.07	S	1.07	12	0
1.12	S	1.12	13	0
0.49	S	0.49	2	0
0.93	S	0.93	9	0
1.28	S	1.28	15	0
0.80	S	0.80	5	0
0.84	S	0.84	7	0
0.83	S	0.83	6	0
0.94	S	0.94	10	0
0.92	S	0.92	8	0
		Sum =	1275	1139
WRS Test Critical Value =				946.1
SU Pass / Fail =				PASS

Notes: S represents samples collected in Survey Unit.
R represents samples collected in Reference Unit.

1.43 sample max



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GREAT LAKES FINAL STATUS SURVEY TRANSMITTAL FORM (June 29, 2005)

SURVEY UNIT: NFA-SU-1 and NFA-SU-2

Attachment 1 – Gamma Walkover Survey Z-Score

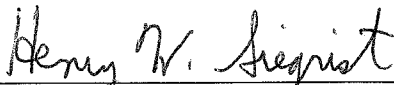
Attachment 2 – Soil Sample Activity Concentrations

Attachment 3 - Survey Unit Statistics Summary

Attachment 4 – Retrospective Power Test

Attachment 5 – WRS Test

Based on evaluation of the attached data, CABRERA, recommends release of the above survey unit lift for unrestricted use. The survey unit meets MARSSIM Final Status Release Criteria.



Henry W. Siegrist P.E., CHP
Cabrera Corporate Health Physicist



date

APPROVED
NAVSEADET RASO Project Manager

date

Attachment 1

Gamma Walkover Survey Z-Score

Figure 1 NFA – June 2005 Cleanup

Figure 2 North Fence Area June 2005 Cleanup (remediation detail)

Attachment 1
Gamma Walkover Survey Z-Score

Z - SCORE

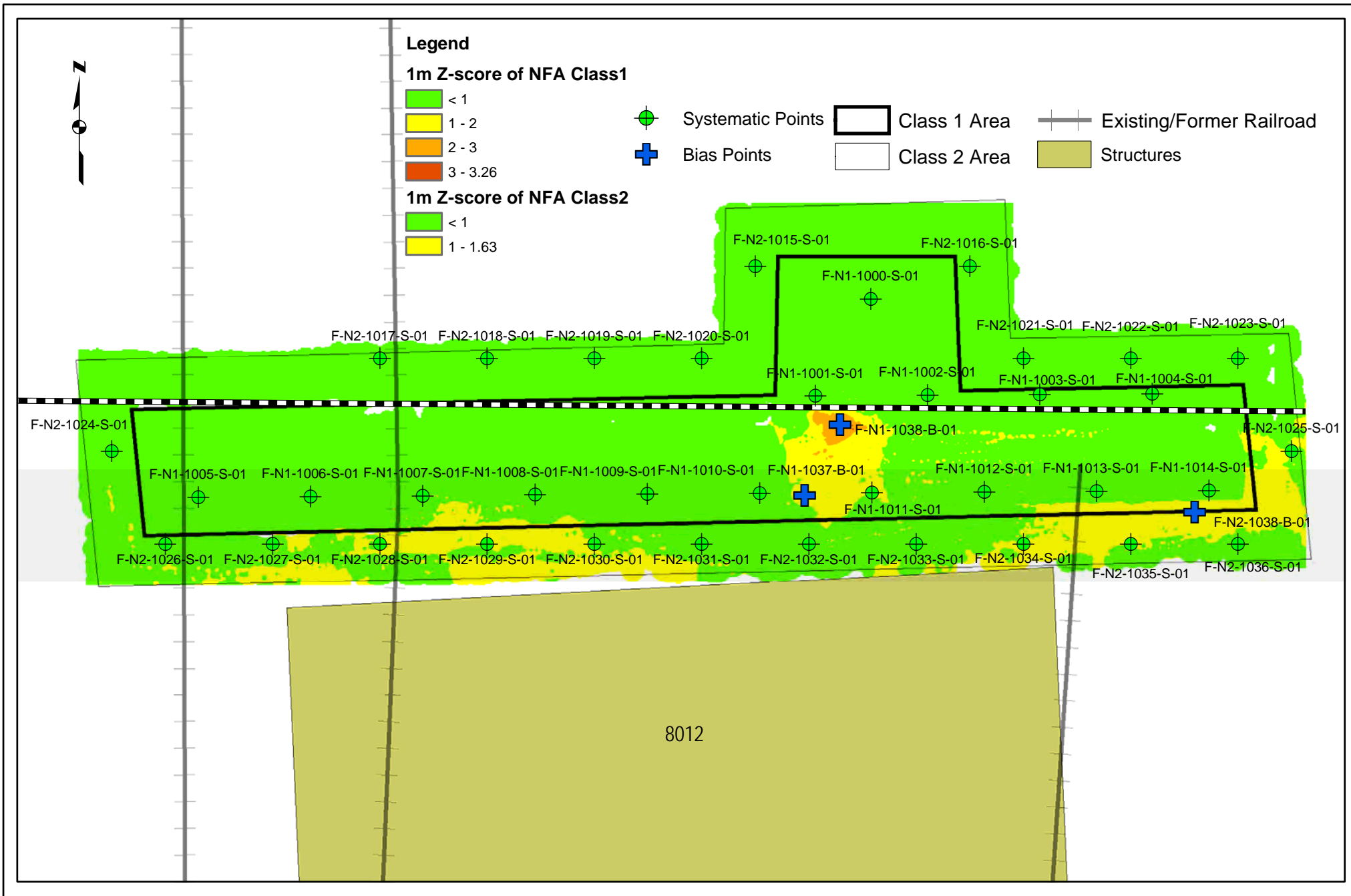
Sample Value	1.20E+00
Duplicate Value	1.15
one σ error of sample	1.07E-01
one σ error of duplicate	0.165

compare Z-Score to performance criteria of 2.57 or less (99%) confidence level

Z-Score = 0.25

Preliminary based on Paragon 1st notification PDF email June 27, 2005

Sample ID	Cabrera Initial Sample Value ²³² Th, pCi/g	Cabrera 1.96 σ Error of Sample	Paragon Duplicate Sample Value ²³² Th, pCi/g	Paragon two σ Error of Duplicate	Z-Score	Fail if Z- score > 2.57
F-N1-1038-B-01	1.20E+00	2.10E-01	1.15	0.33	0.25	Pass



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NFA - June 2005 cleanup

Naval Station Great Lakes

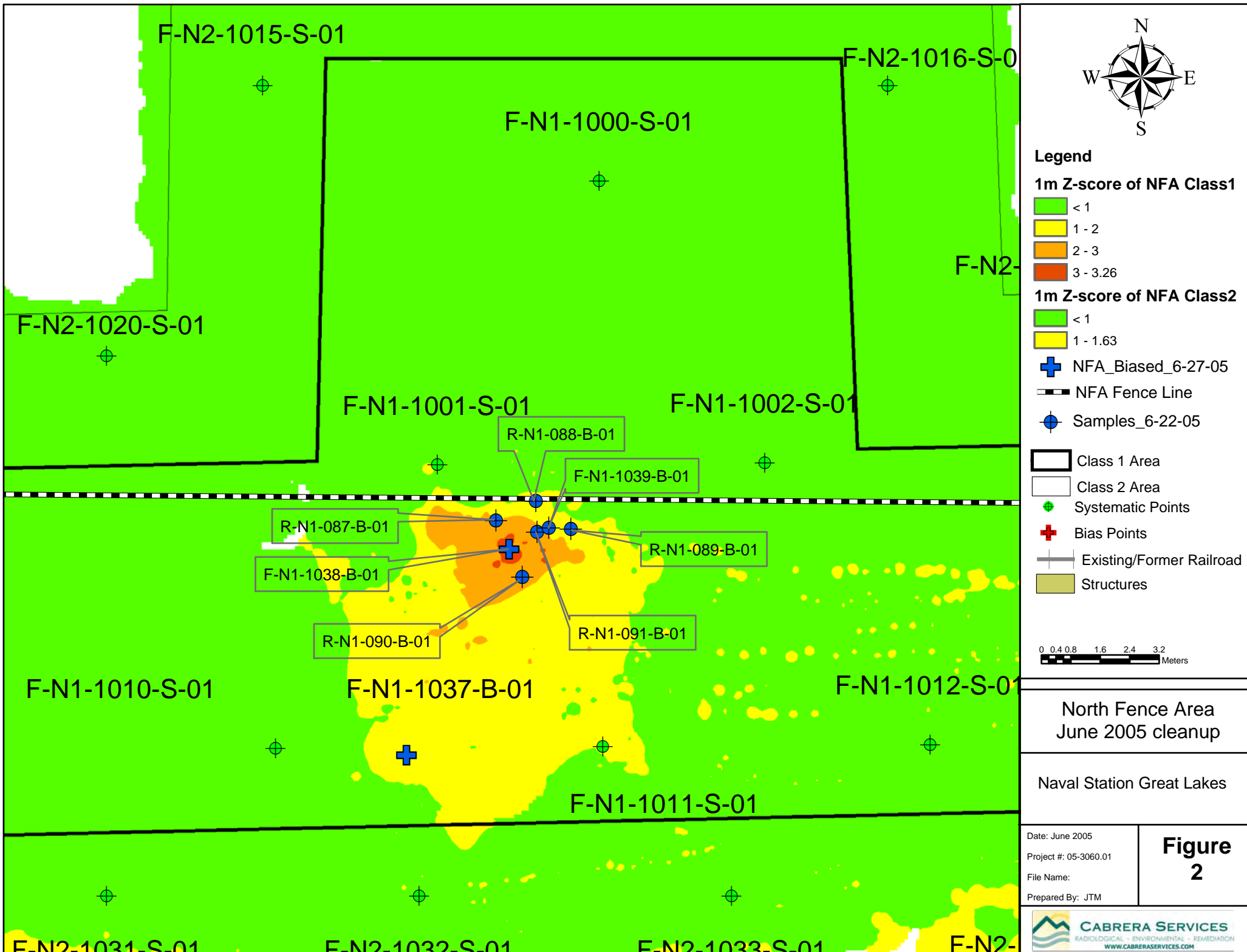
Date: June 2005

Project #: 05-3060.01

File Name:

Prepared By: JTM

**Figure
1**



Attachment 2
Soil Sample Activity Concentrations
North Fence Area Survey Unit
NFA-SU-1

Final Status Survey Soil Samples

Location I/D	Units	Ac-228 Result		Uncertainty	MDA	Sample Analysis Date/Time	Duration	Dead Time
F-N1-1000-S-01**	(pCi/gram)	-9.90E-02	±	ND***	2.44E-01	9/30/2004 9:29	300.0 seconds	0.05%
F-N1-1001-S-01	(pCi/gram)	8.18E-01	±	1.72E-01	2.62E-01	9/28/2004 13:29	300.0 seconds	0.11%
F-N1-1002-S-01	(pCi/gram)	1.50E+00	±	1.99E-01	2.45E-01	9/28/2004 13:45	300.0 seconds	0.17%
F-N1-1003-S-01	(pCi/gram)	2.26E-01	±	ND	3.23E-01	10/5/2004 14:25	300.0 seconds	0.06%
F-N1-1004-S-01	(pCi/gram)	3.90E-01	±	ND	3.96E-01	10/5/2004 14:32	300.0 seconds	0.06%
F-N1-1005-S-01	(pCi/gram)	9.50E-01	±	1.55E-01	1.86E-01	9/29/2004 14:57	420.0 seconds	0.14%
F-N1-1006-S-01	(pCi/gram)	9.49E-01	±	1.86E-01	2.74E-01	9/29/2004 15:06	300.0 seconds	0.14%
F-N1-1007-S-01	(pCi/gram)	1.08E+00	±	2.05E-01	2.05E-01	9/29/2004 15:14	300.0 seconds	0.15%
F-N1-1008-S-01	(pCi/gram)	1.20E+00	±	2.06E-01	2.13E-01	9/29/2004 15:22	300.0 seconds	0.14%
F-N1-1009-S-01	(pCi/gram)	9.13E-01	±	1.83E-01	2.25E-01	9/29/2004 15:30	300.0 seconds	0.13%
F-N1-1010-S-01	(pCi/gram)	8.07E-01	±	1.69E-01	2.77E-01	9/28/2004 14:22	300.0 seconds	0.14%
F-N1-1011-S-01	(pCi/gram)	1.01E+00	±	1.78E-01	2.74E-01	9/28/2004 14:32	300.0 seconds	0.13%
F-N1-1012-S-01	(pCi/gram)	8.17E-01	±	1.76E-01	2.06E-01	9/30/2004 9:17	300.0 seconds	0.12%
F-N1-1013-S-01	(pCi/gram)	8.08E-01	±	1.49E-01	2.24E-01	9/30/2004 9:40	300.0 seconds	0.13%
F-N1-1014-S-01	(pCi/gram)	6.99E-01	±	1.59E-01	2.48E-01	9/30/2004 9:51	300.0 seconds	0.13%
F-N1-1037-B-01*	(pCi/gram)	6.22E-01	±	1.58E-01	2.57E-01	10/21/2004 10:43	300.0 seconds	0.12%
Average**		0.87						
SD**		0.31						

* Average and SD does not include Sample F-N1-1037-B-01; bias sample with location based on contouring of gross sample counts

** Average and SD does not include Sample F-N1-1000-S-01; sample is primarily surface process stone and not soil due to sample location in area of historical fuel oil spill area

*** Not Determined; Sample result is non detectable - Ac-228 Result and MDA are based upon 911.2 keV energy; no uncertainty is associated with this measurement

Attachment 2 (continued)
Soil Sample Activity Concentrations
North Fence Area Survey Unit
NFA-SU-1

**2005 Remediation, Bias, and Offsite QC Lab Sample Data Used to
Address the NRC-2 Soil Sample Indicated to Have Activity Above DCGL**

Location I/D	Units	Ac-228 Result		Uncertainty	MDA	Sample Analysis Date/Time	Duration	Dead Time
R-N1-087-B-01*	(pCi/gram)	6.30E-01	±	0.00E+00	8.30E-01	6/22/2005 13:22	420.0 seconds	0.11%
R-N1-088-B-01*	(pCi/gram)	6.80E-01	±	2.20E-01	3.20E-01	6/22/2005 13:38	420.0 seconds	0.10%
R-N1-089-B-01*	(pCi/gram)	2.55E+00	±	3.10E-01	3.60E-01	6/22/2005 13:49	420.0 seconds	0.18%
R-N1-090-B-01*	(pCi/gram)	7.80E-01	±	1.80E-01	2.70E-01	6/22/2005 13:58	420.0 seconds	0.13%
R-N1-091-B-01*	(pCi/gram)	9.10E-01	±	2.10E-01	2.50E-01	6/22/2005 14:09	420.0 seconds	0.12%
F-N1-1038-B-01**	(pCi/gram)	1.20E+00	±	2.13E-01	3.40E-01	6/23/2005 9:35	420.0 seconds	0.17%
F-N1-1038-B-01 (offsite Lab QC)**	(pCi/gram)	1.15E+00	±	3.30E-01	5.70E-01	9/27/2005 Time NA	-	-
F-N1-1039-B-01***	(pCi/gram)	1.16E+00	±	2.50E-01	3.00E-01	6/23/2005 15:34	420.0 seconds	0.17%

* Samples taken as part of initial 2005 remediation effort to address NRC-2 sample; Associated soil sample locations have been removed during remediation

** New 2005 NFA-SU-1 bias sample based on most recent Gamma Walkover Survey after remediation; Sample point remains

*** Final soil sampling chosen based on location of highest remediation sample set from R-N1-087-B-01 through R-N1-091-B-01; Sample point remains

Attachment 2 (continued)
Soil Sample Activity Concentrations
North Fence Area Survey Unit
NFA-SU-2

Final Status Survey Soil Samples

Location I/D	Units	Ac-228 Result		Uncertainty	MDA	Sample Analysis Date/Time	Duration	Dead Time
F-N2-1015-S-01	(pCi/gram)	1.19E-01	±	ND**	3.43E-01	10/11/2004 14:54	300.0 seconds	0.08%
F-N2-1016-S-01	(pCi/gram)	3.10E-01	±	ND	4.01E-01	10/11/2004 15:03	300.0 seconds	0.07%
F-N2-1017-S-01	(pCi/gram)	1.34E+00	±	1.82E-01	1.79E-01	10/11/2004 15:28	300.0 seconds	0.13%
F-N2-1018-S-01	(pCi/gram)	1.80E-01	±	ND	3.67E-01	10/11/2004 15:40	300.0 seconds	0.06%
F-N2-1019-S-01	(pCi/gram)	4.30E-01	±	ND	4.12E-01	10/11/2004 15:48	300.0 seconds	0.07%
F-N2-1020-S-01	(pCi/gram)	1.10E-01	±	ND	4.01E-01	10/11/2004 15:55	300.0 seconds	0.06%
F-N2-1021-S-01	(pCi/gram)	5.00E-04	±	ND	2.70E-01	10/11/2004 16:06	300.0 seconds	0.06%
F-N2-1022-S-01	(pCi/gram)	8.00E-02	±	ND	2.34E-01	10/12/2004 9:00	300.0 seconds	0.04%
F-N2-1023-S-01	(pCi/gram)	2.10E-01	±	ND	2.87E-01	10/12/2004 9:16	300.0 seconds	0.05%
F-N2-1024-S-01	(pCi/gram)	7.51E-01	±	1.57E-01	2.14E-01	10/12/2004 9:30	300.0 seconds	0.11%
F-N2-1025-S-01	(pCi/gram)	7.47E-01	±	1.64E-01	2.42E-01	10/12/2004 9:46	300.0 seconds	0.14%
F-N2-1026-S-01	(pCi/gram)	8.62E-01	±	1.87E-01	2.07E-01	10/5/2004 14:40	300.0 seconds	0.14%
F-N2-1027-S-01	(pCi/gram)	7.85E-01	±	1.75E-01	1.94E-01	10/5/2004 14:49	300.0 seconds	0.12%
F-N2-1028-S-01	(pCi/gram)	6.51E-01	±	1.46E-01	1.94E-01	10/5/2004 14:56	300.0 seconds	0.11%
F-N2-1029-S-01	(pCi/gram)	7.94E-01	±	1.76E-01	1.95E-01	10/5/2004 15:03	300.0 seconds	0.12%
F-N2-1030-S-01	(pCi/gram)	7.57E-01	±	1.61E-01	2.09E-01	10/5/2004 15:11	300.0 seconds	0.12%
F-N2-1031-S-01	(pCi/gram)	5.97E-01	±	1.48E-01	2.36E-01	10/5/2004 15:21	300.0 seconds	0.11%
F-N2-1032-S-01	(pCi/gram)	6.54E-01	±	1.70E-01	2.87E-01	10/5/2004 15:29	300.0 seconds	0.11%
F-N2-1033-S-01	(pCi/gram)	7.59E-01	±	1.96E-01	2.30E-01	10/5/2004 15:37	300.0 seconds	0.11%
F-N2-1034-S-01	(pCi/gram)	7.70E-01	±	1.57E-01	2.29E-01	10/5/2004 15:45	300.0 seconds	0.13%
F-N2-1035-S-01	(pCi/gram)	6.85E-01	±	1.53E-01	2.28E-01	10/5/2004 15:52	300.0 seconds	0.13%
F-N2-1036-S-01	(pCi/gram)	8.26E-01	±	1.79E-01	3.32E-01	10/5/2004 15:59	300.0 seconds	0.13%
F-N2-1038-B-01	(pCi/gram)	8.68E-01	±	1.79E-01	2.51E-01	10/19/2004 13:58	300.0 seconds	0.12%
	Average*	0.56						
	SD*	0.34						

* Average and SD does not include Sample F-N1-1037-B-01; bias sample with location based on contouring of gross sample counts

** Not Determined; Sample result is non detectable - Ac-228 Result and MDA are based upon 911.2 keV energy; no uncertainty is associated with this measurement

Attachment 3

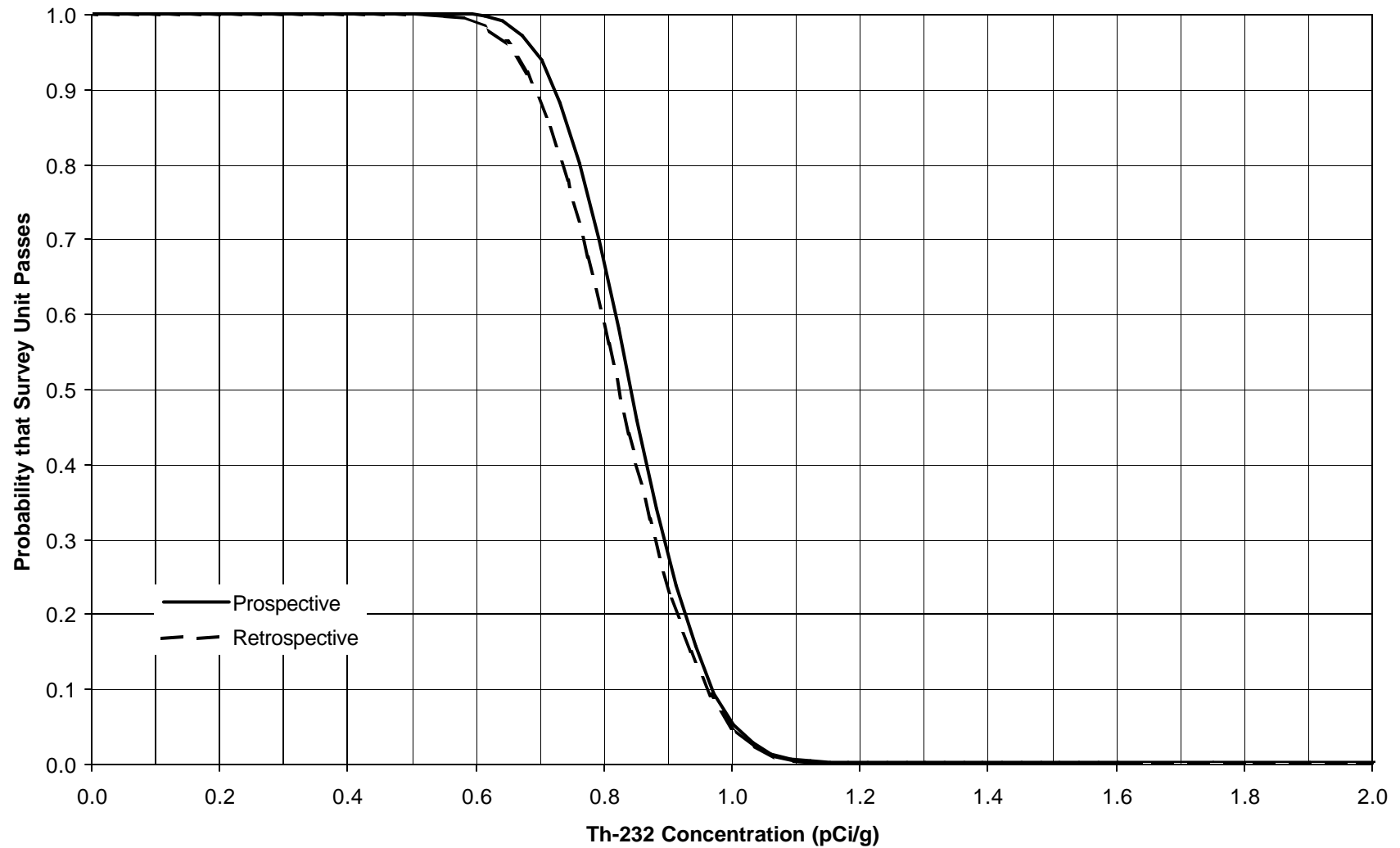
North Fence Area Survey Unit Statistics Summary

Survey Unit Statistic	Final Status Survey Statistics	
	NFA-SU-1	NFA-SU-2
Reference Area Sample Size, m	34	34
SU Sample Size, n	14 ^b	22
Calculated Wcrit (retrospective power test)	905.5	1067
WRS Sum of Reference Ranks	1071	1343
Prospective Assumed Sigma, pCi/g 232Th	0.30	0.30
SU Sample Average, pCi/g 232Th	0.87	0.56
SU Sample Maximum, pCi/g 232Th	1.50	1.34
SU Sample Minimum, pCi/g 232Th	0.22	0.00
SU Sample Retrospective Sigma, pCi/g 232Th	0.31	0.34
SU Bias Sample Maximum, pCi/g 232Th	1.20	0.87
SU Bias Sample Minimum, pCi/g 232Th	0.62	a
Reference Area Average, pCi/g 232Th	0.86	0.86
Ref Area Retrospective Sigma, pCi/g 232Th	0.10	0.10
WRS Test Results (Pass or Fail)	Pass	Pass

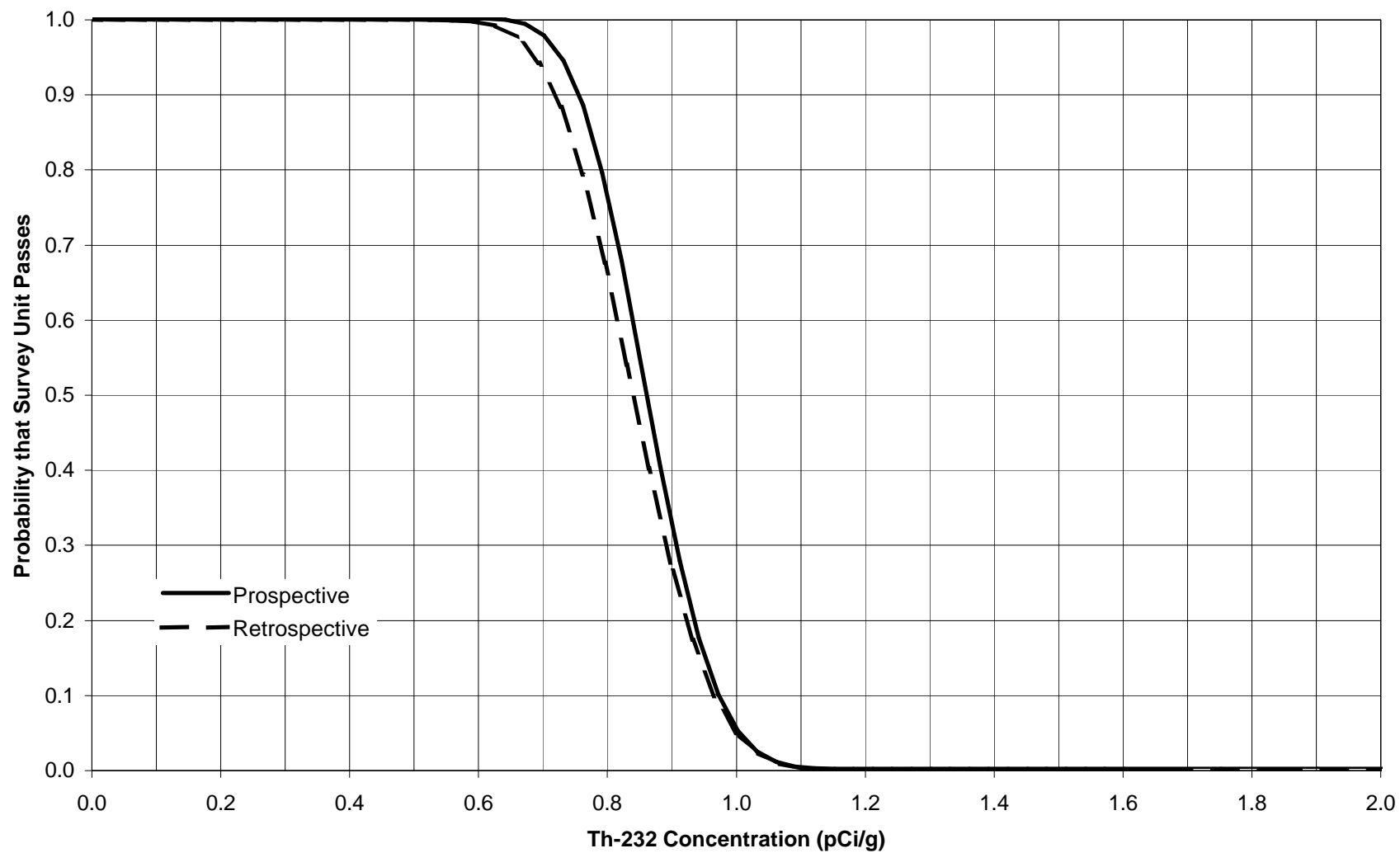
^a Only one bias sample was necessary since no contoured z-score > 3.0; lowest is the same as highest

^b Sample F-N1-1000-S-01 reported at -0.099 pCi/g removed due to lack of soil sample at the location; survey sample size reduced by one as permitted by MARSSIM to allow for unusable data

Attachment 4
Retrospective Power Test
Great Lakes North Fence Area NFA-SU-1



Attachment 4 (continued)
Retrospective Power Test
Great Lakes North Fence Area NFA-SU-2



Attachment 5 WRS Test

NFA-SU-1 rev 1

DCGL = 1 (same units as measurement results)

Results (pCi/g)	Survey Area	Adjusted Data	Ranks	References Area Ranks
0.76	R	1.76	22	22
0.70	R	1.70	17	17
0.86	R	1.86	34	34
0.73	R	1.73	18	18
0.82	R	1.82	28	28
0.93	R	1.93	41	41
0.96	R	1.96	43	43
0.86	R	1.86	33	33
0.90	R	1.90	36	36
0.83	R	1.83	29	29
0.81	R	1.81	26	26
1.04	R	2.04	47	47
1.02	R	2.02	46	46
0.79	R	1.79	24	24
0.69	R	1.69	16	16
0.76	R	1.76	21	21
0.89	R	1.89	35	35
0.85	R	1.85	30	30
0.99	R	1.99	45	45
0.81	R	1.81	27	27
0.98	R	1.98	44	44
0.79	R	1.79	25	25
0.91	R	1.91	37	37
0.78	R	1.78	23	23
0.85	R	1.85	32	32
0.91	R	1.91	39	39
0.95	R	1.95	42	42
0.75	R	1.75	20	20
1.10	R	2.10	48	48
0.85	R	1.85	31	31
0.93	R	1.93	40	40
0.73	R	1.73	19	19
0.91	R	1.91	38	38
0.69	R	1.69	15	15
0.82	S	0.82	7	0
1.50	S	1.50	14	0
0.22	S	0.22	1	0
0.38	S	0.38	2	0
0.95	S	0.95	10	0
0.95	S	0.95	9	0
1.08	S	1.08	12	0
1.20	S	1.20	13	0
0.91	S	0.91	8	0
0.81	S	0.81	4	0
1.01	S	1.01	11	0
0.82	S	0.82	6	0
0.81	S	0.81	5	0
0.70	S	0.70	3	0
		Sum =	1176	1071
WRS Test Critical Value =				905.5
SU Pass / Fail =				PASS

Notes: S represents samples collected in Survey Unit.
R represents samples collected in Reference Unit.

1.50 sample max

Attachment 5 (continued)

Great Lakes FSS NFA-SU-2

WRS Test
NFA-SU-2

DCGL = 1 (same units as measurement results)

Results (pCi/g)	Survey Area	Adjusted Data	Ranks	References Area Ranks
0.76	R	1.76	30	30
0.70	R	1.70	25	25
0.86	R	1.86	42	42
0.73	R	1.73	26	26
0.82	R	1.82	36	36
0.93	R	1.93	49	49
0.96	R	1.96	51	51
0.86	R	1.86	41	41
0.90	R	1.90	44	44
0.83	R	1.83	37	37
0.81	R	1.81	34	34
1.04	R	2.04	55	55
1.02	R	2.02	54	54
0.79	R	1.79	32	32
0.69	R	1.69	24	24
0.76	R	1.76	29	29
0.89	R	1.89	43	43
0.85	R	1.85	38	38
0.99	R	1.99	53	53
0.81	R	1.81	35	35
0.98	R	1.98	52	52
0.79	R	1.79	33	33
0.91	R	1.91	45	45
0.78	R	1.78	31	31
0.85	R	1.85	40	40
0.91	R	1.91	47	47
0.95	R	1.95	50	50
0.75	R	1.75	28	28
1.10	R	2.10	56	56
0.85	R	1.85	39	39
0.93	R	1.93	48	48
0.73	R	1.73	27	27
0.91	R	1.91	46	46
0.69	R	1.69	23	23
0.12	S	0.12	4	0
0.31	S	0.31	7	0
1.34	S	1.34	22	0
0.18	S	0.18	5	0
0.43	S	0.43	8	0
0.11	S	0.11	3	0
0.00	S	0.00	1	0
0.08	S	0.08	2	0
0.21	S	0.21	6	0
0.75	S	0.75	14	0
0.75	S	0.75	13	0
0.86	S	0.86	21	0
0.79	S	0.79	18	0
0.65	S	0.65	10	0
0.79	S	0.79	19	0
0.76	S	0.76	15	0
0.60	S	0.60	9	0
0.65	S	0.65	11	0
0.76	S	0.76	16	0
0.77	S	0.77	17	0
0.68	S	0.68	12	0
0.83	S	0.83	20	0
		Sum =	1596	1343
		WRS Test Critical Value =		1067.1
		SU Pass / Fail =		PASS

Notes: S represents samples collected in Survey Unit.
R represents samples collected in Reference Unit.

1.34 sample max



CABRERA SERVICES
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION

GREAT LAKES FINAL STATUS SURVEY TRANSMITTAL FORM (July 27, 2005)

SURVEY UNIT: RA-SU-1

Attachment 1 – Gamma Walkover Survey Z-Score and Sample Locations

Attachment 2 – Soil Sample Activity Concentrations

Attachment 3 – Survey Unit Statistics Summary

Attachment 4 – Retrospective Power Test

Attachment 5 – WRS Test

Based on evaluation of the attached data, CABRERA, recommends release of the above survey unit lift for unrestricted use. The survey unit meets MARSSIM Final Status Release Criteria.

Henry W. Siegrist
Henry W. Siegrist P.E., CHP
Cabrera Corporate Health Physicist

7/27/05
date

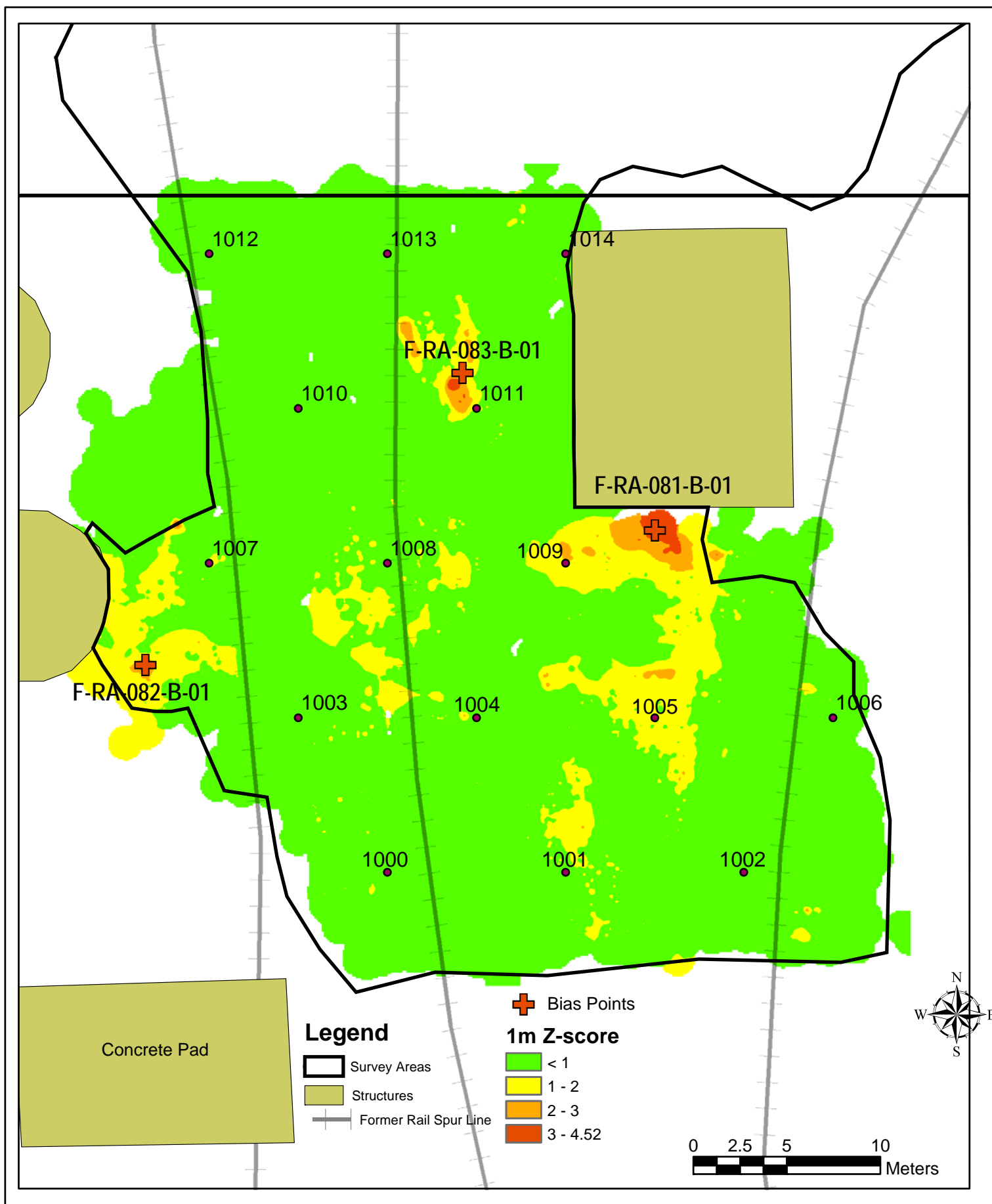
APPROVED
NAVSEADET RASO Project Manager

date

Attachment 1

Gamma Walkover Survey Z-Score and Sample Locations

Figure 1 - Recreation Area Survey Unit RA-SU-1



CABRERA SERVICES
RADIOLOGICAL • ENVIRONMENTAL • REMEDIATION
WWW.CABRERASERVICES.COM

Recreation Area
July 2005 Cleanup
Naval Station Great Lakes

Date: July 2005
Project #: 05-3060.01
File Name:
05-3060.01_RA-CL1_GWS
Prepared By: JTM

**Figure
1**

Attachment 2
Soil Sample Activity Concentrations
Recreation Area Survey Unit
RA-SU-1

Final Status Survey Soil Samples

Location I/D	Units	Ac-228 Result		Uncertainty	MDA	Sample Analysis Date/Time	Duration	Dead Time
F-RA-1000-S-01	(pCi/gram)	1.02E+00	±	2.02E-01	3.25E-01	7/11/2005 12:38	420.0 seconds	0.15%
F-RA-1001-S-01	(pCi/gram)	9.03E-01	±	1.94E-01	2.93E-01	7/11/2005 12:48	420.0 seconds	0.15%
F-RA-1002-S-01	(pCi/gram)	9.71E-01	±	2.13E-01	3.33E-01	7/7/2005 13:42	420.0 seconds	0.13%
F-RA-1003-S-01	(pCi/gram)	1.34E+00	±	2.18E-01	3.13E-01	7/11/2005 13:00	420.0 seconds	0.17%
F-RA-1004-S-01	(pCi/gram)	1.01E+00	±	1.99E-01	2.86E-01	7/11/2005 13:14	420.0 seconds	0.15%
F-RA-1005-S-01	(pCi/gram)	8.45E-01	±	1.91E-01	3.35E-01	7/11/2005 13:39	420.0 seconds	0.15%
F-RA-1006-S-02	(pCi/gram)	1.08E+00	±	1.98E-01	3.16E-01	7/11/2005 13:57	420.0 seconds	0.15%
F-RA-1007-S-02	(pCi/gram)	1.03E+00	±	1.93E-01	3.03E-01	7/11/2005 14:07	420.0 seconds	0.15%
F-RA-1008-S-02	(pCi/gram)	1.26E+00	±	1.98E-01	2.68E-01	7/25/2005 11:21	420.0 seconds	0.18%
F-RA-1009-S-02	(pCi/gram)	8.72E-01	±	1.84E-01	2.87E-01	7/11/2005 14:38	420.0 seconds	0.15%
F-RA-1010-S-02	(pCi/gram)	2.14E-01	±	ND**	5.55E-01	7/25/2005 11:31	420.0 seconds	0.13%
F-RA-1011-S-03	(pCi/gram)	9.15E-01	±	ND**	6.78E-01	7/25/2005 11:42	420.0 seconds	0.12%
F-RA-1012-S-01	(pCi/gram)	9.11E-01	±	2.05E-01	2.27E-01	7/11/2005 15:25	420.0 seconds	0.13%
F-RA-1013-S-01	(pCi/gram)	1.06E+00	±	2.03E-01	2.64E-01	7/11/2005 15:37	420.0 seconds	0.15%
F-RA-1014-S-01	(pCi/gram)	1.24E+00	±	2.39E-01	2.99E-01	7/11/2005 15:51	420.0 seconds	0.15%
F-RA-081-B-01*	(pCi/gram)	8.56E-01	±	1.85E-01	3.02E-01	7/27/2005 10:01	420.0 seconds	0.16%
F-RA-082-B-01*	(pCi/gram)	1.25E+00	±	2.24E-01	3.05E-01	7/26/2005 15:10	420.0 seconds	0.16%
F-RA-083-B-01*	(pCi/gram)	1.02E+00	±	2.04E-01	3.52E-01	7/27/2005 16:11	420.0 seconds	0.16%
Average*		0.98						
SD*		0.26						

* Average and SD does not include bias samples F-RA-081-B-01, F-RA-082-B-01, or F-RA-083-B-01; Bias sample locations based on contouring of gross sample counts

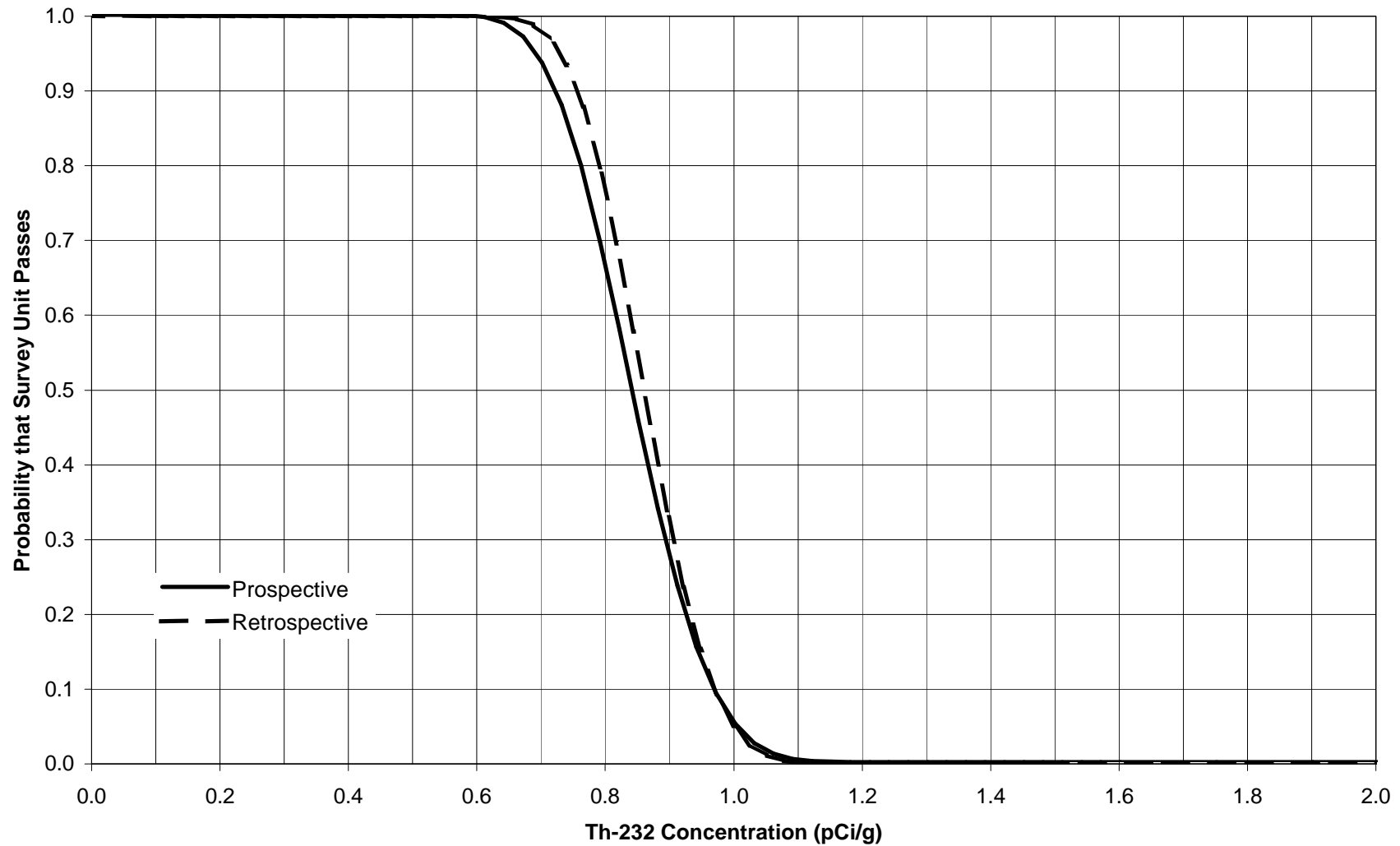
** Not Determined; Sample result is non detectable - Ac-228 Result and MDA are based upon 911.2 keV energy; no uncertainty is associated with this measurement

Attachment 3

Recreation Area Survey Unit RA-SU-1 Statistics Summary

Survey Unit Statistic	Final Status Survey Statistics
	RA-SU-1
Reference Area Sample Size, m	34
SU Sample Size, n	15
Calculated Wcrit (retrospective power test)	925.8
WRS Sum of Reference Ranks	1105
Prospective Assumed Sigma, pCi/g ²³² Th	0.30
SU Sample Average, pCi/g ²³² Th	0.98
SU Sample Maximum, pCi/g ²³² Th	1.34
SU Sample Minimum, pCi/g ²³² Th	0.21
SU Sample Retrospective Sigma, pCi/g ²³² Th	0.26
SU Bias Sample Maximum, pCi/g ²³² Th	1.25
SU Bias Sample Minimum, pCi/g ²³² Th	0.86
Reference Area Average, pCi/g ²³² Th	0.86
Ref Area Retrospective Sigma, pCi/g ²³² Th	0.10
WRS Test Results (Pass or Fail)	Pass

Attachment 4
Great Lakes Recreation Area RA-SU-1
Prospective and Retrospective Power Test



Attachment 5
Great Lakes Recreation Area RA-SU-1
WRS Test

Great Lakes FSS RA-SU-1

DCGL = 1 (same units as measurement results)

Results (pCi/g)	Survey Area	Adjusted Data	Ranks	References Area Ranks
0.76	R	1.76	23	23
0.70	R	1.70	18	18
0.86	R	1.86	35	35
0.73	R	1.73	19	19
0.82	R	1.82	29	29
0.93	R	1.93	42	42
0.96	R	1.96	44	44
0.86	R	1.86	34	34
0.90	R	1.90	37	37
0.83	R	1.83	30	30
0.81	R	1.81	27	27
1.04	R	2.04	48	48
1.02	R	2.02	47	47
0.79	R	1.79	25	25
0.69	R	1.69	17	17
0.76	R	1.76	22	22
0.89	R	1.89	36	36
0.85	R	1.85	31	31
0.99	R	1.99	46	46
0.81	R	1.81	28	28
0.98	R	1.98	45	45
0.79	R	1.79	26	26
0.91	R	1.91	38	38
0.78	R	1.78	24	24
0.85	R	1.85	33	33
0.91	R	1.91	40	40
0.95	R	1.95	43	43
0.75	R	1.75	21	21
1.10	R	2.10	49	49
0.85	R	1.85	32	32
0.93	R	1.93	41	41
0.73	R	1.73	20	20
0.91	R	1.91	39	39
0.69	R	1.69	16	16
1.02	S	1.02	9	0
0.90	S	0.90	4	0
0.97	S	0.97	7	0
1.34	S	1.34	15	0
1.01	S	1.01	8	0
0.84	S	0.84	2	0
1.08	S	1.08	12	0
1.03	S	1.03	10	0
1.26	S	1.26	14	0
0.87	S	0.87	3	0
0.21	S	0.21	1	0
0.91	S	0.91	6	0
0.91	S	0.91	5	0
1.06	S	1.06	11	0
1.24	S	1.24	13	0
Sum =			1225	1105
WRS Test Critical Value =			925.8	
SU Pass / Fail =			PASS	

Notes: S represents samples collected in Survey Unit.
R represents samples collected in Reference Unit.

1.34 sample max

Appendix E:
Waste Transportation and Disposal Manifests and Bills of Lading
(Submitted in electronic format on compact disk)

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #:** 05070808095**Checkin Date:** 07/08/2005 **Time:** 10:51**Checkout Date:** 07/08/2005 **Time:** 11:11

USN 2000-003-035

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID:** WAR000001263**Truck #:** 038-MILT**Tractor #:** GNC 20038**Trailer #:****Driver:** MILT SAWATZKY

GROSS WEIGHT :	86,520.00	LBs
TARE WEIGHT :	46,700.00	LBs
NET WEIGHT :	39,820.00	LBs

NON-HAZARDOUS WASTE MANIFEST

0507080895

19.9T
39820*

Please print or type

(Form designed for use on either 12-pitch typewriter

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-35		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generator's Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# GNC 20038				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month Date Year 06 23 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year 06 23 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.							
Printed/Typed Name Mallee for WOI		Signature <i>J Mallee</i>		Date Month Date Year 7 8 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-35

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

M. H. Sawatzky
PRINTED NAME

M. Sawatzky
SIGNATURE

7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #: 05070808140****Checkin Date: 07/08/2005 Time: 15:58****Checkout Date: 07/08/2005 Time: 16:19**

USN 2000-003-36

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID: WAR000001263****Truck #: 108-BUTCH****Tractor #: GNC 20106****Trailer #:****Driver: BUTCH MILLS****GROSS WEIGHT : 90,960.00 LBs****TARE WEIGHT : 46,380.00 LBs****NET WEIGHT : 44,580.00 LBs**

05070808140
NON-HAZARDOUS WASTE MANIFEST
05070808156 44580

Please print or type (Form designed for use on 11x17 inch typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-36		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generator's Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		23 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# GNC 20106				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month Date Year 06 23 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year 06 23 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.							
Printed/Typed Name J MacCally		Signature <i>J MacCally</i>		Date Month Date Year 7 8 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 36

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Claude L. Mills
PRINTED NAMEC. L. Mills
SIGNATURE7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #:** 05070808106**CheckIn Date:** 07/08/2005 **Time:** 10:23**Checkout Date:** 07/08/2005 **Time:** 10:43

USN 2000-003-37

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID:** WAR000001263**Truck #:** 029-BUTCH**Tractor #:** GNC 20029**Trailer #:****Driver:** BUTCH MILLS

GROSS WEIGHT :	91,780.00	LBs
TARE WEIGHT :	46,760.00	LBs
NET WEIGHT :	45,020.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05070808104

22-ST
45020#

Please print or type (Form designed for use on site (12-pitch) typewriter)		Manifest Document No.		2. Page	
NON-HAZARDOUS WASTE MANIFEST		USN 2000-003-37		1 of 1	
1. Generator's US EPA ID No. N/A		3. Generator's Name and Mailing Address Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088					
4. Generator's Phone (309) 782-0338					
5. Transporter 1 Company Name		6. US EPA ID Number		A. State Transporter's ID	
Denton Cartage				B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
Union Pacific RR				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Facility's ID	
US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		IDD 073114654		F. Facility's Phone	
				800-274-1516	
11. WASTE DESCRIPTION		12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Material not Regulated by DOT		1	CM	23	T
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above			
WSID # 16281 Container# GNC 20029					
15. Special Handling Instructions and Additional Information					
In case of Emergency Contact: Wade Fillingame 865-300-5789					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.					
Printed/Typed Name		Signature		Date	
W. Wade Fillingame, Jr.		<i>Wade Fillingame</i>		Month 06	Date 23 Year 05
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month 06	Date 23 Year 05
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month	Date Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date	
Mallee for WSB		<i>Mallee</i>		Month 7	Date 8 Year 05

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 37

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Claude L. Mills
PRINTED NAME

C. L. Mills
SIGNATURE

7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #:** 05070808111**CheckIn Date:** 07/08/2005 **Time:** 11:29**Checkout Date:** 07/08/2005 **Time:** 11:49

USN 2003-003-38

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID:** WAR000001263**Truck #:** 118-ROBERTO**Tractor #:** GNC 20118**Trailer #:****Driver:** ROEBRTO GAYTAN

GROSS WEIGHT :	92,980.00	LBs
TARE WEIGHT :	46,540.00	LBs
NET WEIGHT :	46,440.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05070808111

23.2T
46440#

Please print or type (Form designed for use on 6 1/2" (12-pitch) typewriter)		Manifest Document No.	2. Page	
NON-HAZARDOUS WASTE MANIFEST		USN 2000-003-38	1	of 1
1. Generator's US EPA ID No. N/A		3. Generator's Name and Mailing Address Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261		
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				
4. Generator's Phone (309) 782-0338				
5. Transporter 1 Company Name Denton Cartage.	6. US EPA ID Number	A. State Transporter's ID		
		B. Transporter 1 Phone 708-222-3304		
7. Transporter 2 Company Name Union Pacific RR	8. US EPA ID Number	C. State Transporter's ID		
		D. Transporter 2 Phone		
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624	10. US EPA ID Number IDD 073114654	E. State Facility's ID		
		F. Facility's Phone 800-274-1516		
11. WASTE DESCRIPTION		12. Containers No.	Type	13. Total Quantity
a. Material not Regulated by DOT		1	CM	23
b.				
c.				
d.				
14. Unit Wt/Vol.		T		
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# GNC 20118		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.				
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month: 06, Date: 23, Year: 05
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month: 06, Date: 23, Year: 05
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month: 06, Date: 23, Year: 05
19. Discrepancy Indication Space				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest except as noted in item 19				
Printed/Typed Name M. Mallea for Waste		Signature <i>M. Mallea</i>		Date Month: 7, Date: 8, Year: 05

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 38

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3.

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-7183

Robert C. Cantan
PRINTED NAME

[Signature]
SIGNATURE

07-28-05
DATE

Scale Ticket

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Phone: 800 274 1516

Scale Ticket #:

Work Order #: 05070808122

Checkin Date: 07/08/2005 **Time:** 11:58

Checkout Date: 07/08/2005 **Time:** 12:19

USN 2000-003-39

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 326-BUTCH

Tractor #: NVRU 200326

Trailer #:

Driver: BUTCH MILLS

GROSS WEIGHT : 91,260.00 **LBs**

TARE WEIGHT : 46,360.00 **LBs**

NET WEIGHT : 44,900.00 **LBs**

NON-HAZARDOUS WASTE MANIFEST

05070808122

22-4T
44900#

Please print or type (Form designed for use on either 112-pitch typewriter

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-39		2. Page 1 or 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generator's Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# NVRU 200326				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Month 06		Date 24	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 06		Date 24	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name M. Mallea		Signature <i>M. Mallea</i>		Month 7		Date 8	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 39

GENERATOR INFORMATION:


Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Claude L. Mills
PRINTED NAME


SIGNATURE

7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #:** 06070808133**Checkin Date:** 07/08/2005 **Time:** 13:29**Checkout Date:** 07/08/2005 **Time:** 13:56

USN 2000-003-40

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID:** WAR000001263**Truck #:** 402-ROBERTO**Tractor #:** NVRU 200402**Trailer #:****Driver:** ROBERTO GAYTAN**GROSS WEIGHT :** 91,240.00 **LBs****TARE WEIGHT :** 46,140.00 **LBs****NET WEIGHT :** 45,100.00 **LBs**

NON-HAZARDOUS WASTE MANIFEST

05070808/33

22.5T
45100#

Please print or type

(Form designed for use on either 12-sitch typewriter

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-40		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generators Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
a. Material not Regulated by DOT				No. 1 Type CM		23	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# NVRU 200402				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 06		Date 24	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 06		Date 24	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name J. Maller		Signature <i>J. Maller</i>		Month 7		Date 8	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 40

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183Roberto Saylor
PRINTED NAME[Signature]
SIGNATURE07-08-05
DATE

Scale Ticket

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Phone: 800 274 1516

Scale Ticket #:

Work Order #: 05070808115

Checkin Date: 07/08/2005 Time: 12:27

Checkout Date: 07/08/2005 Time: 13:19

USN 2000-003-41

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 596-MILT

Tractor #: NVRU 200596

Trailer #:

Driver: MILT SAWATZKY

GROSS WEIGHT : 88,940.00 LBs

TARE WEIGHT : 47,460.00 LBs

NET WEIGHT : 41,480.00 LBs

NON-HAZARDOUS WASTE MANIFEST

0507080815

20. TT
4/4/80 A

Please print type (Form designed for use on site (12-pin) typewriter)		Manifest Document No.		2. Page	
NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		USN 2000-003-41 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088		Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338					
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID	
7. Transporter 1 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION		12. Containers		13. Total Quantity	
a. Material not Regulated by DOT		No. Type		14. Unit Wt./Vol.	
b.		1 CM		21 T	
c.					
d.					
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# NVRU 200596		H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.					
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month 06 Date 24 Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Month 06 Date 24 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Month Date Year			
19. Discrepancy Indication Space					
20. Facility Name or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name M. Maller		Signature <i>M. Maller</i>		Date Month 7 Date 8 Year 05	

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 41

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183M.H. Sawatzky
PRINTED NAMEM. Sawatzky
SIGNATURE7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #: 05070808137****Checkin Date: 07/08/2005 Time: 14:09****Checkout Date: 07/08/2005 Time: 14:44**

USN 2000-003-42

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID: WAR000001263****Truck #: 349-MILT****Tractor #: NVRU 200349****Trailer #:****Driver: MILT SAWATZKY****GROSS WEIGHT : 91,020.00 LBS****TARE WEIGHT : 47,080.00 LBS****NET WEIGHT : 43,940.00 LBS**

NON-HAZARDOUS WASTE MANIFEST

05070808137

21.9T
43940#

Please print or type

(Form designed for use on elite (12-pin) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-42		2. Page 1 or 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc., East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		23 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# NVRU 200349				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 06 Date 24 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 24 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name J Maller		Signature <i>J Maller</i>		Date Month 7 Date 8 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 42

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183M. H. Sawatzky
PRINTED NAMEM. Sawatzky
SIGNATURE7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #:** 05070908175**Checkin Date:** 07/11/2005 **Time:** 08:44**Checkout Date:** 07/11/2005 **Time:** 09:01

USN 2000-003-43

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID:** WAR000001263**Truck #:** 132-MILT**Tractor #:** AWIU 000132**Trailer #:****Driver:** MILT SAWATZKY**GROSS WEIGHT :** 87,860.00 **LBs****TARE WEIGHT :** 47,680.00 **LBs****NET WEIGHT :** 40,180.00 **LBs**

NON-HAZARDOUS WASTE MANIFEST

05070908175

20.01
401807

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-43		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		23 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000132				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month 06 Date 27 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 06 Date 27 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
13A. USE1 Weight OK per W. Wade Fillingame, Jr. 7/1/05							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name M. J. Maller		Signature <i>M. J. Maller</i>		Date Month 7 Date 11 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 43

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183Milt Sawatzky
PRINTED NAMEM. Sawatzky
SIGNATURE7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/14/2005 Time: 14:27

Work Order #: 05071408560

Checkout Date: 07/14/2005 Time: 14:48

USN 2000-003-44

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 226-MILT

Tractor #: AWIU 000226

Trailer #:

Driver: MILT SAWATZKY

GROSS WEIGHT :	88,120.00	LBs
TARE WEIGHT :	47,180.00	LBs
NET WEIGHT :	40,940.00	LBs

NON-HAZARDOUS WASTE MANIFEST

0507140820

4094077

NON-HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No.

USN 2000-003-44

2. Page

1

of

1

3. Generator's Name and Mailing Address

Great Lakes Naval Training Center
3012 Mississippi St. Bldg 3212A
Great Lakes, IL 60088Bill to CABRERA Services, Inc.; East Hartford,
CT, 06108; Ph: (860) 289-1885, F: - 2261

4. Generator's Phone (309) 782-0338

5. Transporter 1 Company Name

6.

US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 708-222-3304

Denton Cartage

7. Transporter 2 Company Name

8.

US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

Union Pacific RR

9. Designated Facility Name and Site Address

10.

US EPA ID Number

E. State Facility's ID

F. Facility's Phone

US Ecology Idaho, Inc.
10.5 Miles NW on Hwy 78, Lemley Rd.
Grand View, ID 83624

IDD 073114654

800-274-1516

11. WASTE DESCRIPTION

12. Containers
No.

Type

13. Total
Quantity

14. Unit Wt./Vol.

a. Material not Regulated by DOT

1

CM

22

T

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

WSID # 16281

Container# AWIU 000226

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

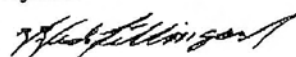
In case of Emergency Contact: Wade Fillingame 865-300-5789

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.

Printed/Typed Name

W. Wade Fillingame, Jr.

Signature



Date

Month

Date

Year

06

27

05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Date

Year

06

27

05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Date

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Date

Month

Date

Year



7/14/05

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 44

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Milt Sawatzky
PRINTED NAME

M. Sawatzky
SIGNATURE

7-14-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 09/01/2005 **Time:** 08:49

Work Order #: 05090112120

Checkout Date: 09/01/2005 **Time:** 09:09

USN 2000-003-45

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Customer

CABRERA SERVICES, INC
473 SILVER LANE
EAST HARTFORD, CT

Truck #: 224-REED

Tractor #: AWIU 000224

Trailer #:

Driver: REED PACK

GROSS WEIGHT :	89,580.00	LBs
TARE WEIGHT :	48,160.00	LBs
NET WEIGHT :	41,420.00	LBs

NON-HAZARDOUS WASTE MANIFEST

2071T
4/420th

Please print or type (Form designed for use on elite (12-pitch) typewriter)

05080112120

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
N/A

Manifest Document No.
USN 2000-003-45

2. Page
1 of 1

3. Generator's Name and Mailing Address
Great Lakes Naval Training Center
3012 Mississippi St. Bldg 3212A
Great Lakes, IL 60088
4. Generators Phone (309) 782-0338

Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261

5. Transporter 1 Company Name
Denton Cartage.

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 708-222-3304

7. Transporter 2 Company Name
Union Pacific RR

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
US Ecology Idaho, Inc.
10.5 Miles NW on Hwy 78, Lemley Rd.
Grand View, ID 83624

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone

IDD 073114654

800-274-1516

11. WASTE DESCRIPTION

a. Material not Regulated by DOT

12. Containers
No.

Type

13. Total
Quantity

14. Unit Wt./Vol.

1

CM

22

T

G. Additional Descriptions for Materials Listed Above
WSID # 16281
Container# AWIU 000224

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

In case of Emergency Contact: Wade Fillingame 865-300-5789

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.

Printed/Typed Name
W. Wade Fillingame, Jr.

Signature

W. Wade Fillingame, Jr.

Date
Month Date Year
06 27 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date
Month Date Year
06 27 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date
Month Date Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Jana M. McCarty
for USER

Date
Month Date Year
9 1 05

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-0045

GENERATOR INFORMATION

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Reed Pack
PRINTED NAME

Reed Pack
SIGNATURE

8-31-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #:** 05070908174**Checkin Date:** 07/11/2005 **Time:** 08:12**Checkout Date:** 07/11/2005 **Time:** 08:32

USN 2000-003-46

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID:** WAR000001263**Truck #:** 126-ROBERTO**Tractor #:** AWIU 000126**Trailer #:****Driver:** ROBERTO GAYTAN**GROSS WEIGHT :** 89,560.00 **LBs****TARE WEIGHT :** 47,040.00 **LBs**

NET WEIGHT : 42,520.00 **LBs**

NON-HAZARDOUS WASTE MANIFEST

05070908174

21.2T
42525#

Please print or type (Form designed for use on elite (12-pin) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-46		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generators Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1		CM 22	
b.							
c.							
d.							
14. Unit Wt./Vol. T							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000126				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month 06 Date 27 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 27 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19							
Printed/Typed Name Mallory J. Woot		Signature <i>Mallory J. Woot</i>		Date Month 09 Date 11 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 46

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183Roberto Gaitan
PRINTED NAME[Signature]
SIGNATURE070805
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.

GRAND VIEW, ID

Scale Ticket #:**Work Order #:** 05070908173**Checkin Date:** 07/11/2005 **Time:** 07:38**Checkout Date:** 07/11/2005 **Time:** 08:01

USN 2000-003-47

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263**Truck #:** 142-BUTCH**Tractor #:** AWIU 000142**Trailer #:****Driver:** BUTCH MILLS**GROSS WEIGHT :** 89,180.00 **LBs****TARE WEIGHT :** 48,100.00 **LBs**

NET WEIGHT : 41,080.00 **LBs**

NON-HAZARDOUS WASTE MANIFEST

05070908173

20.5T
410807H

Please print or type (Form designed for use on 6 1/2" (12-1/2") typewriter)		Manifest Document No.		2. Page	
NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		USN 2000-003-47 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088		Bill to CABRERA Services, Inc., East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338					
5. Transporter 1 Company Name Denton Cartage		6. US EPA ID Number		A. State Transporter's ID	
				B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID	
				F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION		12. Containers		13. Total Quantity	
		No. Type		14. Unit Wt./Vol.	
a. Material not Regulated by DOT		1 CM		22 T	
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000142		H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.					
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 06 Date 27 Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 27 Year 05	
Printed/Typed Name		Signature		Date Month 06 Date 27 Year 05	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 27 Year 05	
Printed/Typed Name		Signature		Date Month 06 Date 27 Year 05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name J. Mallee for W&E		Signature <i>J. Mallee</i>		Date Month 7 Year 05	

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

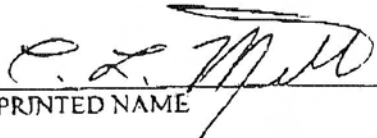
Manifest # USN 2000-003- 47

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #1:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183
PRINTED NAMEClaude L. Mills
SIGNATURE7-8-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID**Scale Ticket #:****Work Order #:** 05070808141**Checkin Date:** 07/08/2005 **Time:** 15:25**Checkout Date:** 07/08/2005 **Time:** 15:46

USN 2000-003-48

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA**EPA ID:** WAR000001263**Truck #:** 279-ROBERTO**Tractor #:** AWIU 000279**Trailer #:****Driver:** ROBERTO GAYTAN

GROSS WEIGHT :	87,280.00	LBs
TARE WEIGHT :	47,280.00	LBs
NET WEIGHT :	40,000.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05070808141

46000

Please print or type (Form designed for use on alto (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-48		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generator's Phone (309) 782-0338				Bill to CABRERA Services, Inc., East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		22 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000279				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month 06 Date 27 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 27 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19							
Printed/Typed Name J. McCoolley		Signature <i>J. McCoolley</i>		Date Month 7 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 48

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

PRINTED NAME

SIGNATURE

DATE

Roberto Gaytan [Signature] 07-28-25

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05071408512

Checkin Date: 07/14/2005 **Time:** 07:35

Checkout Date: 07/14/2005 **Time:** 07:54

USN 2000-003-49

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 175-ROBERTO

Tractor #: AWIU 000175

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT :	88,880.00	LBs
TARE WEIGHT :	48,760.00	LBs
NET WEIGHT :	40,120.00	LBs

NON-HAZARDOUS WASTE MANIFEST

050711408512

20.1
40(2) #

Please print or type (Form designed for use on a 12-pitch typewriter)		Manifest Document No.		2. Page	
NON-HAZARDOUS WASTE MANIFEST		USN 2000-003-49		1 of 1	
1. Generator's US EPA ID No. N/A		Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088					
4. Generator's Phone (309) 782-0338					
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID	
				B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID	
				F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION		12. Containers		13. Total Quantity	
		No. Type		14. Unit WL/Vol.	
a. Material not Regulated by DOT		1 CM		21 T	
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000175		H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.					
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 06 Date 28 Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 28 Year 05	
Printed/Typed Name					
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year	
Printed/Typed Name					
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name J. M. Fillingame		Signature <i>J. M. Fillingame</i>		Date Month 7 Date 14 Year 05	

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-49

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Robert Gaytan
PRINTED NAME

Robert Gaytan
SIGNATURE

07-13-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05071408513

Checkin Date: 07/14/2005 Time: 08:04

Checkout Date: 07/14/2005 Time: 08:27

USN 2000-003-50

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 201-BUTCH

Tractor #: AWIU 000201

Trailer #:

Driver: BUTCH MILLS

GROSS WEIGHT :	92,440.00	LBs
TARE WEIGHT :	48,640.00	LBs
NET WEIGHT :	43,800.00	LBs

NON-HAZARDOUS WASTE MANIFEST

08071408613

L1
413800

Please print or type

(Form designed for use on 12-pitch typewriter)

NON-HAZARDOUS
WASTE MANIFEST1. Generator's US EPA ID No.
N/AManifest Document No.
USN 2000-003-50

2. Page

1

of

1

3. Generator's Name and Mailing Address

Great Lakes Naval Training Center
3012 Mississippi St. Bldg 3212A
Great Lakes, IL 60088Bill to CABRERA Services, Inc.; East Hartford,
CT, 06108; Ph: (860) 289-1885, F: - 2261

4. Generator's Phone (309) 782-0338

5. Transporter 1 Company Name

Denton Cartage

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 708-222-3304

7. Transporter 2 Company Name

Union Pacific RR

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

US Ecology Idaho, Inc.
10.5 Miles NW on Hwy 78, Lemley Rd
Grand View, ID 83624

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone

IDD 073114654

800-274-1516

11. WASTE DESCRIPTION

12. Containers
No.

Type

13. Total
Quantity

14. Unit Wt./Vol.

b. Material not Regulated by DOT

1

CM

21

T

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

WSID # 16281

Container# AWIU 000201

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

In case of Emergency Contact: Wade Fillingame 865-300-5789

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.

Printed/Typed Name

W. Wade Fillingame, Jr.

Signature

Date

Month

Date

Year

06

28

05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Date

Year

06

28

05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Date

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Month

Date

Year

7/14/05

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 50

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Claude L. Mills
PRINTED NAME

C. L. Mills
SIGNATURE

7-13-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05090112145

Checkin Date: 09/01/2005 Time: 10:13

Checkout Date: 09/01/2005 Time: 10:35

USN 2000-003-51

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

CABRERA SERVICES, INC
473 SILVER LANE
EAST HARTFORD, CT

EPA ID: WAR000001263

Truck #: 104-ROBERTO

Tractor #: AWIU 000104

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	82,640.00	LBs
TARE WEIGHT :	47,020.00	LBs
NET WEIGHT :	35,620.00	LBs

NON-HAZARDOUS WASTE MANIFEST

650901 02145

17.81
35220

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-51		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
a. Material not Regulated by DOT				No. 1		Type CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000104				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 06 Date 28 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 28 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space 17.81 T OK per TB 9/1/05							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Janet McCauley		Signature <i>Janet McCauley</i>		Date Month 9 Date 1 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 61

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

[Signature]
SIGNATURE

09-01-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/14/2005 **Time:** 13:08

Work Order #: 05071408541

Checkout Date: 07/14/2005 **Time:** 13:29

USN 2000-003-52

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 290-MILT

Tractor #: AWIU 000290

Trailer #:

Driver: MILT SAWATZKY

GROSS WEIGHT :	88,200.00	LBs
TARE WEIGHT :	48,620.00	LBs
NET WEIGHT :	39,580.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05071408541

3958071

Please print or type (Form designed for use on site (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-52		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Material not Regulated by DOT				1	CM	21	T
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000290				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Month 06	Date 28	Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 06	Date 28	Year 05	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Date	Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Ch Maller for WSD</i>		Signature <i>Ch Maller</i>		Month 7	Date 14	Year 05	

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-52

GENERATOR INFORMATION

Great Lakes Naval Training Center

US EPA ID # N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Milt Sawatzky
PRINTED NAME

M. Sawatzky
SIGNATURE

7-14-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05090112123

Checkin Date: 09/01/2005 **Time:** 07:37

Checkout Date: 09/01/2005 **Time:** 07:57

USN 2000-003-53

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

CABRERA SERVICES, INC
473 SILVER LANE
EAST HARTFORD, CT

EPA ID: WAR000001263

Truck #: 129-JD

Tractor #: AWIU 000129

Trailer #:

Driver: JD JENKINS

GROSS WEIGHT :	89,420.00	LBs
TARE WEIGHT :	49,000.00	LBs
NET WEIGHT :	40,420.00	LBs

NON-HAZARDOUS WASTE MANIFEST

40420
26.217

Please print or type (Form designed for use on elite (12-pitch) typewriter)

USD 813 112123

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-53		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East.Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION a. Material not Regulated by DOT b. c. d.				12. Containers		13. Total	
				No.		Quantity	
				Type		Unit Wt./Vol.	
				1		CM	
				21		T	
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000129				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month 06 Date 28 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date			
Printed/Typed Name				Month 06 Date 28 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date			
Printed/Typed Name				Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Sarah McCully</i>		Signature <i>Sarah McCully</i>		Date Month 9 Date 1 Year 25			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-53

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000-001 263
PHONE # 800-406-1183

JD Jenkins
PRINTED NAME

[Signature]
SIGNATURE

8-31-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 09/01/2005 **Time:** 08:10

Work Order #: 05090112134

Checkout Date: 09/01/2005 **Time:** 08:35

USN 2000-003-54

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

CABRERA SERVICES, INC
473 SILVER LANE
EAST HARTFORD, CT

EPA ID: WAR000001263

Truck #: 183-ROBERTO

Tractor #: AWIU 000183

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	90,180.00	LBs
TARE WEIGHT :	48,620.00	LBs
NET WEIGHT :	41,560.00	LBs

NON-HAZARDOUS WASTE MANIFEST

41560²
20.78⁵

05090112134

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-54		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone			
11. WASTE DESCRIPTION		IDD 073114654		800-274-1516			
a. Material not Regulated by DOT		12. Containers No. 1		Type CM		13. Total Quantity 20	
b.						14. Unit WL/Vol. T	
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000183				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 06 Date 28 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 28 Year 05			
Printed/Typed Name		Signature		Date Month 06 Date 28 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month 06 Date 28 Year 05			
Printed/Typed Name		Signature		Date Month 06 Date 28 Year 05			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Sandra M. Carthy for US ED		Signature <i>Sandra M. Carthy</i>		Date Month 9 Date 1 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-00-54

GENERATOR INFORMATION

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Genta
PRINTED NAME

Roberto Genta
SIGNATURE

08-31-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/25/2005 **Time:** 13:22

Work Order #: 05072509282

Checkout Date: 07/25/2005 **Time:** 14:00

USN 2000-003-55

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 420-ROBERTO

Tractor #:

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	78,820.00	LBs
TARE WEIGHT :	46,040.00	LBs
NET WEIGHT :	32,780.00	LBs

NON-HAZARDOUS WASTE MANIFEST

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

0507 2509282

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-55		2. Page 1 of 1	
	3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088		Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
	4. Generators Phone (309) 782-0338					
TRANSPORTER	5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID	
					B. Transporter 1 Phone 708-222-3304	
FACILITY	7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID	
					D. Transporter 2 Phone	
	9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID	
					F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION			12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Material not Regulated by DOT			1	CM	22	T
b.						
c.						
d.						
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# NVRU 200420			H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789						
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.						
Printed/Typed Name W. Wade Fillingame, Jr.			Signature <i>W. Wade Fillingame</i>		Date Month 07 Date 06 Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials			Date			
Printed/Typed Name			Signature		Month 07 Date 06 Year 05	
18. Transporter 2 Acknowledgement of Receipt of Materials			Date			
Printed/Typed Name			Signature		Month Date Year	
19. Discrepancy Indication Space 13 a. 16.39 T wt ok'd per W. Wade Fillingame gw						
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						
Printed/Typed Name <i>Don Woods for USEA</i>			Signature <i>Don Woods</i>		Date Month 07 Date 25 Year 05	

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 55

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

[Signature]
SIGNATURE

07-25-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/25/2005 **Time:** 10:07

Work Order #: 05072509261

Checkout Date: 07/25/2005 **Time:** 13:23

USN2000-003-56

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 274-ROBERTO

Tractor #: AWIU 000274

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT :	89,700.00	LBs
TARE WEIGHT :	47,760.00	LBs
NET WEIGHT :	41,940.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05092509661

41940#

20.97 T

Please print or type

(Form designed for use on file (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-56		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt./Vol.	
a. Material not Regulated by DOT				1 T CM		20 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000274				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month 07 Date 06 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 07 Date 06 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Ken Woods for user		Signature <i>Ken Woods</i>		Date Month 07 Date 25 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-90

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

Roberto Gaytan
SIGNATURE

07-25-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072409165

Checkin Date: 07/24/2005 Time: 10:56

Checkout Date: 07/24/2005 Time: 11:20

USN 2000-003-57

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 599-ROBERTO

Tractor #: NVRU 200599

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 91,620.00 LBs

TARE WEIGHT : 48,340.00 LBs

NET WEIGHT : 43,280.00 LBs

NON-HAZARDOUS WASTE MANIFEST

21.64T
43280

print or type

(Form designed for use on elite (12-pitch) typewriter)

65272409165

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-57		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
a. Material not Regulated by DOT				No. 1 Type CM		20	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# NVRU 200599				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Month 07		Date 06	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 06	
Printed/Typed Name				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
Printed/Typed Name				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Jim McCarley</i>		Signature <i>Jim McCarley</i>		Month 7		Date 24	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 51

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Robert G. Ayler

PRINTED NAME

[Signature]

SIGNATURE

07-23-05

DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072709487

Checkin Date: 07/27/2005 **Time:** 13:22

Checkout Date: 07/27/2005 **Time:** 13:43

USN 2000-003-58

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 189-ROBERTO

Tractor #:

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	87,100.00	LBs
TARE WEIGHT :	47,240.00	LBs
NET WEIGHT :	39,860.00	LBs

NON-HAZARDOUS WASTE MANIFEST

39860#

68072709487

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-58		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		20	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000189				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month 07 Date 06 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 07 Date 06 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Tiffany Meyers		Signature <i>Tiffany Meyers</i>		Date Month 7 Date 27 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 58

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

[Signature]
SIGNATURE

072705
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/23/2005 **Time:** 14:43

Work Order #: 05072309153

Checkout Date: 07/23/2005 **Time:** 15:08

USN 2000-003-59

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 086-MILT

Tractor #: ECCU 006086

Trailer #:

Driver: MILT SAWATZKY

GROSS WEIGHT :	86,040.00	LBs
TARE WEIGHT :	47,740.00	LBs
NET WEIGHT :	38,300.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05072309153

19:15T

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-59		2. Page 1 of 1		
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261				
4. Generators Phone (309) 782-0338								
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID				
				B. Transporter 1 Phone 708-222-3304				
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID				
				D. Transporter 2 Phone				
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID				
				F. Facility's Phone 800-274-1516				
11. WASTE DESCRIPTION a. Material not Regulated by DOT b. c. d.				12. Containers No.		Type	13. Total Quantity	14. Unit Wt./Vol.
				1		CM	20	T
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# ECCU 006086				H. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789								
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.								
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 06 Year 05				
17. Transporter 1 Acknowledgement of Receipt of Materials				Date				
Printed/Typed Name		Signature		Month 07 Date 06 Year 05				
18. Transporter 2 Acknowledgement of Receipt of Materials				Date				
Printed/Typed Name		Signature		Month Date Year				
19. Discrepancy Indication Space								
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.								
Printed/Typed Name Donna Pullen for USEE		Signature <i>Donna Pullen</i>		Date Month 07 Date 23 Year 05				

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-59

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Milt Sawatzky
PRINTED NAME

M. Sawatzky
SIGNATURE

7-23-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072409162

Checkin Date: 07/24/2005 **Time:** 08:56

Checkout Date: 07/24/2005 **Time:** 09:18

USN 2000-003-60

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 040-ROBERTO

Tractor #: ECCU 006040

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	92,260.00	LBs
TARE WEIGHT :	47,880.00	LBs
NET WEIGHT :	44,380.00	LBs

NON-HAZARDOUS WASTE MANIFEST

22.19
44380

65072409162

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-60		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East.Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit WL/Vol.	
a. Material not Regulated by DOT				1 CM		20 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# ECCU 006040				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 06 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07 Date 06 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month Date Year			
19. Discrepancy Indication Space 13a. 22.19 107. 06/01 per W. Wade Fillingame							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name J McCarty		Signature <i>J McCarty</i>		Date Month 7 Date 24 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-60

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

Roberto Gaytan
SIGNATURE

07-23-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/26/2005 **Time:** 06:59

Work Order #: 05072609351

Checkout Date: 07/26/2005 **Time:** 08:00

USN 200000361

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 173-ROBERTO

Tractor #: AWIU 000173

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT :	88,680.00	LBs
TARE WEIGHT :	48,740.00	LBs
NET WEIGHT :	39,940.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05072609357

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-61		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone		800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total	
				No.		Quantity	
a. Material not Regulated by DOT				1		CM	
b.						20	
c.						T	
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000173				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation. </div>							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07, Date 06, Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07, Date 06, Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month, Date, Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name		Signature		Date Month, Date, Year			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 01

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Robert Gaytan
PRINTED NAME

[Signature]
SIGNATURE

07-25-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/23/2005 **Time:** 15:14

Work Order #: 05072309152

Checkout Date: 07/23/2005 **Time:** 15:29

USN 2000-003-62

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 031-JIMMY

Tractor #: ECCU 006031

Trailer #:

Driver: JIMMY JOHNSON

GROSS WEIGHT :	90,400.00	LBs
TARE WEIGHT :	46,440.00	LBs
NET WEIGHT :	43,960.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05072309152

21.98T

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-62		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit WL/Vol.	
a. Material not Regulated by DOT				1 CM		20 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# ECCU 006031				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 07		Date 06	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 06	
Printed/Typed Name				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
Printed/Typed Name				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Donna Pullen for USEE		Signature Donna Pullen		Month 07		Date 23	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-602

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Jimmy Johnson
PRINTED NAME


SIGNATURE

07/23/05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

CheckIn Date: 07/25/2005 **Time:** 16:04

Work Order #: 05072509292

Checkout Date: 07/25/2005 **Time:** 16:29

USN 2000-003-63

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 074-ROBERTO

Tractor #:

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	86,700.00	LBs
TARE WEIGHT :	45,940.00	LBs
NET WEIGHT :	40,760.00	LBs

NON-HAZARDOUS WASTE MANIFEST

2038T
40760th

05072509292

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-63		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624				10. US EPA ID Number IDD 073114654		E. State Facility's ID	
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		20 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# ECCU 006074				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month 07 Date 06 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07 Date 06 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>McCarthy for 1882</i>		Signature <i>McCarthy</i>		Date Month 7 Date 25 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-63

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Robert GAYTA
PRINTED NAME

[Signature]
SIGNATURE

07-25-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/24/2005 **Time:** 08:22

Work Order #: 05072409164

Checkout Date: 07/24/2005 **Time:** 08:47

USN 2000-003-64

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 256-ROSS

Tractor #: AWIU 000256

Trailer #:

Driver: ROSS CAMERON

GROSS WEIGHT :	85,800.00	LBs
TARE WEIGHT :	48,680.00	LBs
NET WEIGHT :	37,120.00	LBs

NON-HAZARDOUS WASTE MANIFEST

1856

37120

65072409164

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-64		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No.		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000256				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Month 07		Date 06	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 06	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name J. McCarty		Signature <i>J. McCarty</i>		Month 7		Date 24	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 64

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

P. J. Ross AMERSON
PRINTED NAME

P. J. Ross AMERSON
SIGNATURE

7/28/15
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/23/2005 **Time:** 14:54

Work Order #: 05072309156

Checkout Date: 07/23/2005 **Time:** 15:51

USN 2000-003-65

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 251-ROSS

Tractor #: AWIU 000251

Trailer #:

Driver: ROSS CAMERON

GROSS WEIGHT :	88,740.00	LBs
TARE WEIGHT :	47,900.00	LBs
NET WEIGHT :	40,840.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05072309156

20.428

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-65		2. Page 1 of 1	
	3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088		Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338						
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304		
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID		
				D. Transporter 2 Phone		
				E. State Facility's ID		
				F. Facility's Phone 800-274-1516		
11. WASTE DESCRIPTION		12. Containers		13. Total Quantity		14. Unit WL/Vol.
a. Material not Regulated by DOT		No. 1		Type CM		Quantity 20
b.						Unit T
c.						
d.						
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000251				H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789						
<div style="display: flex; justify-content: space-between;"> GENERATOR TRANSPORTER FACILITY </div>						
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.						
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month 07 Date 06 Year 05		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07 Date 06 Year 05		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						
Printed/Typed Name Donna Pullen for USEE		Signature <i>Donna Pullen</i>		Date Month 07 Date 13 Year 05		

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 605

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

PC AMELON
PRINTED NAME

PC
SIGNATURE

7/23/05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/24/2005 **Time:** 06:55

Work Order #: 05072409163

Checkout Date: 07/24/2005 **Time:** 07:44

USN 2000-003-66

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 240-MILT

Tractor #: AWIU 000240

Trailer #:

Driver: MILT SAWAZKY

GROSS WEIGHT :	87,660.00	LBs
TARE WEIGHT :	48,760.00	LBs
NET WEIGHT :	38,900.00	LBs

NON-HAZARDOUS WASTE MANIFEST

1945T

38900*

05072409163

Please print or type

(Form designed for use on this (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-66		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		20 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000240				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Month 07		Date 06	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07		Date 06	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>W. Wade Fillingame, Jr.</i>		Signature <i>W. Wade Fillingame, Jr.</i>		Month 7		Date 24	
				Year 15			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 66

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Milt Sawatzky
PRINTED NAME

M. Sawatzky
SIGNATURE

7-23-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072409161

Checkin Date: 07/24/2005 Time: 10:23

Checkout Date: 07/24/2005 Time: 10:46

USN2000-003-067

Transporter:

STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

Customer

CABRERA SERVICES, INC
473 SILVER LANE
EAST HARTFORD, CT

EPA ID: WAR000001263

Truck #: 194-JIMMY

Tractor #: AWIU 000194

Trailer #:

Driver: JIMMY JOHNSON

GROSS WEIGHT :	88,660.00	LBs
TARE WEIGHT :	48,260.00	LBs
NET WEIGHT :	40,400.00	LBs

05072409161
NON-HAZARDOUS WASTE MANIFEST

20.20T
40400 #

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

~~05072409161~~
05072409161

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-67		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt./Vol.	
a. Material not Regulated by DOT				1 T CM		20 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000194				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 06 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 07 Date 06 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Dorina Pullen</i>		Signature <i>Dorina Pullen</i>		Date Month 07 Date 04 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-13A 67 ap.

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Jimmy Johnson
PRINTED NAME


SIGNATURE

7-25-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072709504

Checkin Date: 07/27/2005 **Time:** 14:44

Checkout Date: 07/27/2005 **Time:** 15:09

USN2000-003-68

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 280-ROBERTO

Tractor #: BLFU 000280

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT : 89,220.00 **LBs**

TARE WEIGHT : 48,420.00 **LBs**

NET WEIGHT : 40,800.00 **LBs**

NON-HAZARDOUS WASTE MANIFEST

05072709504

40800*

20.47

Please print or type (Form designed for use on effie (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-68		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 T CM		20	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000280				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 07		Date 07	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07		Date 07	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Tiffany Meyers		Signature <i>Tiffany Meyers</i>		Month 7		Date 27	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 08

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 283
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

Roberto Gaytan
SIGNATURE

07-27-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05080610327

Checkin Date: 08/06/2005 Time: 07:52

Checkout Date: 08/06/2005 Time: 07:50

USN2000-003-69

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 233-ROBERTO

Tractor #:

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT : 90,760.00 LBs

TARE WEIGHT : 48,120.00 LBs

NET WEIGHT : 42,640.00 LBs

NON-HAZARDOUS WASTE MANIFEST

05080610327

21.32 T
42640#

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-69		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc., East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000233				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Month 07		Date 07	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 07	
Printed/Typed Name				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
Printed/Typed Name				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.							
Printed/Typed Name John Woods		Signature <i>John Woods</i>		Month 08		Date 06	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 109

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Roberto Grynau

PRINTED NAME

[Signature]

SIGNATURE

08-05-05

DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05080610329

Checkin Date: 08/06/2005 Time: 08:00

Checkout Date: 08/06/2005 Time: 07:53

USN2000-003-70

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 200-BERT

Tractor #: BFLU 000200

Trailer #:

Driver: B A LANDON

GROSS WEIGHT : 86,220.00 LBs

TARE WEIGHT : 48,900.00 LBs

NET WEIGHT : 37,320.00 LBs

NON-HAZARDOUS WASTE MANIFEST

05080610329

18.667
37320*

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-70		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000200				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Month 07		Date 07	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07		Date 07	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Dan Woods		Signature <i>Dan Woods</i>		Month 08		Date 06	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-40

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Bert A Landon
PRINTED NAME

Bert A Landon
SIGNATURE

8-5-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05080610328

Checkin Date: 08/06/2005 Time: 07:56

Checkout Date: 08/06/2005 Time: 08:17

USN2000-003-71

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 156-MICK

Tractor #: BFLU 000156

Trailer #:

Driver: LYLE HANKS

GROSS WEIGHT : 92,440.00 LBs

TARE WEIGHT : 48,520.00 LBs

NET WEIGHT : 43,920.00 LBs

NON-HAZARDOUS WASTE MANIFEST

21.96T
43920⁴

05080610328

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-71		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt/Vol.	
a. Material not Regulated by DOT				1 T CM		20 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000156				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.				Signature <i>Wade Fillingame</i>		Date Month 07 Date 07 Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature		Date Month 07 Date 07 Year 05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date Month Date Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Jan Woods for user				Signature <i>Jan Woods</i>		Date Month 08 Date 06 Year 05	

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-41

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Lyle Hanks
PRINTED NAME

Lyle Hanks
SIGNATURE

08-05-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05080610354

Checkin Date: 08/06/2005 Time: 11:18

Checkout Date: 08/06/2005 Time: 11:04

USN2000-003-72

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 217-JIMMY

Tractor #: BFLU 00217

Trailer #:

Driver: JIMMY JOHNSON

GROSS WEIGHT : 86,560.00 LBs

TARE WEIGHT : 47,520.00 LBs

NET WEIGHT : 39,040.00 LBs

NON-HAZARDOUS WASTE MANIFEST

05080610354

39040

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-72		2. Page 1 or 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624				10. US EPA ID Number IDD 073114654		E. State Facility's ID	
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000217				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 07 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07 Date 07 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Dan Woods for user		Signature <i>D Woods</i>		Date Month 08 Date 06 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-42

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Jimmy Johnson
PRINTED NAME

[Signature]
SIGNATURE

8-6-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05080610338

Checkin Date: 08/06/2005 Time: 08:59

Checkout Date: 08/06/2005 Time: 09:21

USN2000-003-73

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 365-ROBERTO

Tractor #: BFLU 000365

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT : 91,300.00 LBs

TARE WEIGHT : 49,060.00 LBs

NET WEIGHT : 42,240.00 LBs

NON-HAZARDOUS WASTE MANIFEST

05080610338

21.12T
42240*

Please print or type

(Form designed for use on efile (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-73		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No.	Type	13. Total Quantity	14. Unit WL/Vol.
a. Material not Regulated by DOT				1	CM	21	T
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000365				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Month 07		Date 07	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 07	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Dan Wink		Signature <i>D Wink</i>		Month 08		Date 06	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-43

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

Roberto Gaytan
SIGNATURE

08-06-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05080610359

Checkin Date: 08/06/2005 Time: 10:40

Checkout Date: 08/06/2005 Time: 11:01

USN 2000-003-74

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 153-BERT

Tractor #: BFLU 000153

Trailer #:

Driver: BERT LANDON

GROSS WEIGHT : 86,960.00 LBs

TARE WEIGHT : 49,260.00 LBs

NET WEIGHT : 37,700.00 LBs

NON-HAZARDOUS WASTE MANIFEST

18.85T
37700

050806/0359

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-74		2. Page 1 or 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc., East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000153				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 07 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 07 Date 07 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
19. Discrepancy Indication Space 13a. 18.85 ok per Wade Fillingame 8-6-05 dp.							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Donna Pullen		Signature <i>Donna Pullen</i>		Date Month 8 Date 6 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-44

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Bert A Landon
PRINTED NAME

Bert A Landon
SIGNATURE

8-6-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/26/2005 **Time:** 11:52

Work Order #: 05072609384

Checkout Date: 07/26/2005 **Time:** 13:52

USN2000-003-75

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 195-ROBERTO

Tractor #: AWIU 000195

Traller #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT :	92,200.00	LBs
TARE WEIGHT :	48,260.00	LBs
NET WEIGHT :	43,940.00	LBs

NON-HAZARDOUS WASTE MANIFEST

95072609384 43940

Please print or type (Form designed for use on site (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-75		2. Page 1 of 1					
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261							
4. Generators Phone (309) 782-0338											
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID							
				B. Transporter 1 Phone 708-222-3304							
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID							
				D. Transporter 2 Phone							
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID							
				F. Facility's Phone 800-274-1516							
11. WASTE DESCRIPTION a. Material not Regulated by DOT b. c. d.				12. Containers No.		13. Total Quantity		14. Unit WL/Vol.			
				1		CM		21		T	
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# AWIU 000195				H. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789											
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.											
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month 07 Day 07 Year 05							
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 07 Day 07 Year 05							
Printed/Typed Name		Signature		Date Month 07 Day 07 Year 05							
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year							
Printed/Typed Name		Signature		Date Month Day Year							
19. Discrepancy Indication Space											
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.											
Printed/Typed Name Dan Woods		Signature <i>D Woods</i>		Date Month 07 Day 26 Year 05							

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 45

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

Roberto Gaytan
SIGNATURE

DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072809562

Checkin Date: 07/28/2005 **Time:** 06:54

Checkout Date: 07/28/2005 **Time:** 08:35

USN 2000-003-76

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 381-ROBERTO

Tractor #: BFLU 000381

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 84,620.00 LBS

TARE WEIGHT : 49,000.00 LBS

NET WEIGHT : 35,620.00 LBS

NON-HAZARDOUS WASTE MANIFEST

6507280982

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-76		2. Page 1 of 1	
	3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088		Bill to CABRERA Services, Inc.; East.Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
	4. Generators Phone (309) 782-0338					
GENERATOR	5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID	
					B. Transporter 1 Phone 708-222-3304	
	7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID	
					D. Transporter 2 Phone	
	9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID	
					F. Facility's Phone 800-274-1516	
TRANSPORTER	11. WASTE DESCRIPTION		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol.
	a.	Material not Regulated by DOT	1	CM	21	T
	b.					
	c.					
	d.					
	G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000381		H. Handling Codes for Wastes Listed Above			
	15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789					
FACILITY	16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.					
	Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 07 Year 05	
	17. Transporter 1 Acknowledgement of Receipt of Materials		Date			
	Printed/Typed Name		Signature		Month 07 Date 07 Year 05	
	18. Transporter 2 Acknowledgement of Receipt of Materials		Date			
	Printed/Typed Name		Signature		Month Date Year	
	19. Discrepancy Indication Space 3a. actual Tons 17.81 wt ok per blanket ok W.Wade Fillingame					
	20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
	Printed/Typed Name Don Woods for user		Signature <i>Don Woods</i>		Date Month 07 Date 28 Year 05	

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-M6

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Robert Gaytan
PRINTED NAME

Robert Gaytan
SIGNATURE

09-27-03
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 08/10/2005 **Time:** 14:15

Work Order #: 05081010653

Checkout Date: 08/10/2005 **Time:** 14:33

USN 2000-003-77

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 015-REED

Tractor #: BFLU 000015

Trailer #:

Driver: REED PACK

GROSS WEIGHT :	83,260.00	LBs
TARE WEIGHT :	48,620.00	LBs
NET WEIGHT :	34,640.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05081010653

17.327
34640#

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-77		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
14. Unit Wt/Vol. T							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000015				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Month 07		Date 08	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07		Date 08	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.							
Printed/Typed Name M. Carthy for USSE		Signature <i>M. Carthy</i>		Month 8		Date 10	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-44

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Reed Pack
PRINTED NAME

Reed Pack
SIGNATURE

8-10-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 08/10/2005 Time: 11:33

Work Order #: 05081010632

Checkout Date: 08/10/2005 Time: 11:50

USN 2000-003-78

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 007-REED

Tractor #: BFLU 000007

Trailer #:

Driver: REED PARKS

GROSS WEIGHT :	82,820.00	LBs
TARE WEIGHT :	49,040.00	LBs
NET WEIGHT :	33,780.00	LBs

NON-HAZARDOUS WASTE MANIFEST

16.89T

33780

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

08081010631

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-78		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000007				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 08 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07 Date 08 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space 13a. 16.89 Tons bk pu Wade Fillingame on 8-10-05. alp.							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.							
Printed/Typed Name Donna Pullen for USEI		Signature Donna Pullen		Date Month 08 Date 10 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-48

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE 1 800-406-1183

Reed Pack
PRINTED NAME

Reed Pack
SIGNATURE

8-10-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 08/10/2005 Time: 12:05

Work Order #: 05081010638

Checkout Date: 08/10/2005 Time: 12:22

USN 2000-003-79

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 010-ROBERTO

Tractor #: BFLU 000010

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	85,480.00	LBs
TARE WEIGHT :	47,020.00	LBs
NET WEIGHT :	38,460.00	LBs

NON-HAZARDOUS WASTE MANIFEST

19.23T

38460

65D81010638

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-79		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East.Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
a. Material not Regulated by DOT				No. 1		Type CM	
b.						14. Unit WL/Vol. T	
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000010				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07, Date 08, Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 07, Date 08, Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month, Date, Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Donna Pullen for USEI		Signature Donna Pullen		Date Month 08, Date 10, Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-79

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

[Signature]
SIGNATURE

08-10-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072809582

Checkin Date: 07/28/2005 Time: 09:37

Checkout Date: 07/28/2005 Time: 10:54

USN-2000-003-80

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 410-ROBERTO

Tractor #: BFLU 000410

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 86,800.00 LBS

TARE WEIGHT : 48,880.00 LBS

NET WEIGHT : 37,920.00 LBS

NON-HAZARDOUS WASTE MANIFEST

05072809582

379207#
18.967

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-80		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No.		Type	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000410				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 08 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07 Date 08 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space <i>13a 18.96 ok'd per Wade Fillingame</i>							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Shullbonds for USEC</i>		Signature <i>Shullbonds</i>		Date Month 07 Date 28 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-80

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Robt Gaytan
PRINTED NAME

Robt Gaytan
SIGNATURE

07-28-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05073009827

Checkin Date: 07/30/2005 **Time:** 13:48

Checkout Date: 07/30/2005 **Time:** 14:06

USN 2000-003-81

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 017-ROBERTO

Tractor #: BFLU 000017

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 87,060.00 LBs

TARE WEIGHT : 48,780.00 LBs

NET WEIGHT : 38,280.00 LBs

NON-HAZARDOUS WASTE MANIFEST

19.14 T

38280[#]

05073009827

Please print or type (Form designed for use on elite (12-pitch) typewriter)		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-81		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generators Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Material not Regulated by DOT				1	CM	21	T
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000017				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 07	Date 08	Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07	Date 08	Year 05	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Date	Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Donna Pullen for USEC		Signature Donna Pullen		Month 07	Date 30	Year 05	

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 81

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE #800-406-1183

Robert Saitan
PRINTED NAME

[Signature]
SIGNATURE

07-30-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.

GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/28/2005 **Time:** 08:56

Work Order #: 05072809561

Checkout Date: 07/28/2005 **Time:** 09:14

USN 2000-003-82

Transporter: STEVE FORLER TRUCKING INC.

P.O. BOX 1479

ORTING, WA

EPA ID: WAR000001263

Truck #: 012-ROBERTO

Tractor #: BFLU 000012

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 82,660.00 **LBs**

TARE WEIGHT : 47,660.00 **LBs**

NET WEIGHT : 35,000.00 **LBs**

NON-HAZARDOUS WASTE MANIFEST

17.507

38000#

0507 280 9521

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-82		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generators Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East.Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION a. Material not Regulated by DOT b. c. d.				12. Containers		13. Total	
				No.		Quantity	
				Type		Unit Wt/Vol.	
				1		CM	
				21		T	
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000012				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month: 07, Date: 08, Year: 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date			
Printed/Typed Name		Month: 07, Date: 08, Year: 05					
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date			
Printed/Typed Name		Month: , Date: , Year:					
19. Discrepancy Indication Space <i>13a. actual wgt 17.50 OK per Wade Fillingame Jr. 5/28/05 JFW</i>							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>JM'Castley for USEP</i>		Signature <i>JM'Castley</i>		Date Month: 7, Date: 28, Year: 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 82

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Robert Gaylar
PRINTED NAME

Robert Gaylar
SIGNATURE

07-27-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072809594

Checkin Date: 07/28/2005 **Time:** 12:41

Checkout Date: 07/28/2005 **Time:** 13:08

USN 2000-003-83

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 024-ROBERTO

Tractor #:

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	87,460.00	LBs
TARE WEIGHT :	49,060.00	LBs
NET WEIGHT :	38,400.00	LBs

65072809594
NON-HAZARDOUS WASTE MANIFEST

19.2
38400

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-83		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No.		13. Total Quantity	
				Type		14. Unit WL/Vol.	
a. Material not Regulated by DOT				1		CM 21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000024				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 07		Date 08	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 08	
Printed/Typed Name				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
Printed/Typed Name				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>JM McCarty</i>		Signature <i>JM McCarty</i>		Month 7		Date 28	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 83

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE #: 800-406-1183

Robert Gayman
PRINTED NAME

Robert Gayman
SIGNATURE

DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 08/10/2005 Time: 11:08

Work Order #: 05081010622

Checkout Date: 08/10/2005 Time: 11:25

USN 2000-003-84

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 086-ROBERTO

Tractor #: BFLU 000086

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	93,020.00	LBs
TARE WEIGHT :	48,980.00	LBs
NET WEIGHT :	44,040.00	LBs

NON-HAZARDOUS WASTE MANIFEST

22.02T

44040

65281010622

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-84		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generators Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304		C. State Transporter's ID	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		D. Transporter 2 Phone		E. State Facility's ID	
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000086				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 07		Date 08	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 08	
Printed/Typed Name				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
Printed/Typed Name				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name McCarthy for USSS		Signature <i>McCarthy</i>		Month 8		Date 10	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 04

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Roberto Gaytan
PRINTED NAME

[Signature]
SIGNATURE

08-10-08
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Checkin Date: 07/28/2005 **Time:** 07:35

Work Order #: 05072809563

Checkout Date: 07/28/2005 **Time:** 07:58

USN2000-003-85

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 159-ROBERTO

Tractor #: BFLU 000159

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT :	91,800.00	LBs
TARE WEIGHT :	49,160.00	LBs
NET WEIGHT :	42,640.00	LBs

NON-HAZARDOUS WASTE MANIFEST

21.32

42640

05072809563

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-85		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000159				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Date Month 07 Date 08 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07 Date 08 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>JMCarthy for USER</i>		Signature <i>JMCarthy</i>		Date Month 7 Date 28 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-95

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE: 800-406-1183

Roberto Gaytay
PRINTED NAME

Roberto Gaytay
SIGNATURE

07-28-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05073009840

Checkin Date: 07/30/2005 Time: 16:21

Checkout Date: 07/30/2005 Time: 16:39

USN 2000-003-86

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 039-ROSS

Tractor #: BFLU 000039

Trailer #:

Driver: ROSS CAMERON

GROSS WEIGHT : 91,680.00 LBS

TARE WEIGHT : 48,420.00 LBS

NET WEIGHT : 43,260.00 LBS

NON-HAZARDOUS WASTE MANIFEST

21.63T

05073009840

43260 #

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-86		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No.		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000039				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month: 07, Date: 11, Year: 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month: 07, Date: 11, Year: 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month: , Date: , Year:			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Donna Pullen for USEC		Signature <i>Donna Pullen</i>		Date Month: 07, Date: 30, Year: 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-860

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

ROSS AMERSON
PRINTED NAME

ROSS AMERSON
SIGNATURE

7/30/05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072909726

Checkin Date: 07/29/2005 Time: 16:12

Checkout Date: 07/29/2005 Time: 16:52

USN 2000-003-87

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 252-ROBERTO

Tractor #: BFLU 000252

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 90,920.00 LBs

TARE WEIGHT : 48,960.00 LBs

NET WEIGHT : 41,960.00 LBs

NON-HAZARDOUS WASTE MANIFEST

20.98.
05072909726 41960#

Please print or type (Form designed for use on ciba (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-87		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generators Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East.Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000252				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 07		Date 11	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07		Date 11	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Ann Woods</i>		Signature <i>Ann Woods</i>		Month 07		Date 29	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-81

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Robert Gaytan
PRINTED NAME

Robert Gaytan
SIGNATURE

07-29-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072909703

Checkin Date: 07/29/2005 **Time:** 11:27

Checkout Date: 07/29/2005 **Time:** 14:48

USN 2000-003-88

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 034-ROBERTO

Tractor #: BFLU 000034

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT :	86,740.00	LBs
TARE WEIGHT :	48,980.00	LBs
NET WEIGHT :	37,760.00	LBs

NON-HAZARDOUS WASTE MANIFEST

05072909703

37760*

18.88T

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-88		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt./Vol.	
a. Material not Regulated by DOT				1		CM 21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000034				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Month 07		Date 11 Year 05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07		Date 11 Year 05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date Year	
19. Discrepancy Indication Space 13a 18.88a gw blanket ok per W. Wade Fillingame 7/11/05							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Dan Woods (USE)		Signature <i>gllwmb</i>		Month 07		Date 29 Year 05	

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-

88

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Robert Gaytan

PRINTED NAME

[Signature]

SIGNATURE

07-29-05

DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072809610

Checkin Date: 07/28/2005 **Time:** 15:06

Checkout Date: 07/28/2005 **Time:** 15:28

USN2000-003-89

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 401-ROBERTO

Tractor #: BFLU 000401

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT :	91,040.00	LBs
TARE WEIGHT :	48,500.00	LBs
NET WEIGHT :	42,540.00	LBs

NON-HAZARDOUS WASTE MANIFEST

21277
42540

05072809610

Please print or type

(Form designed for use on efile (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-89		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088 4. Generators Phone (309) 782-0338				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID		B. Transporter 1 Phone 708-222-3304	
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID		F. Facility's Phone 800-274-1516	
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000401				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame, Jr.</i>		Month 07		Date 11	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 11	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name M. Woods		Signature <i>M. Woods</i>		Month 07		Date 28	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-BA

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Robert Gaytan
PRINTED NAME

[Signature]
SIGNATURE

07-28-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072909680

Checkin Date: 07/29/2005 Time: 08:16

Checkout Date: 07/29/2005 Time: 07:50

USN2000-003-90

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 387-ROBERTO

Tractor #: BFLU 000387

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT : 86,800.00 LBs

TARE WEIGHT : 47,240.00 LBs

NET WEIGHT : 39,560.00 LBs

NON-HAZARDOUS WASTE MANIFEST

39560

65072909680 19.78

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-90		2. Page 1 or 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt./Vol.	
a. Material not Regulated by DOT				1		CM 21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000387				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 11 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month 07 Date 11 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Date Year			
19. Discrepancy Indication Space 3a. 19.78 T							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Dan Woods		Signature <i>D Woods</i>		Date Month 07 Date 29 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-90

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800 406-1183

Roberto Gaytan
PRINTED NAME

Roberto Gaytan

Roberto Gaytan
SIGNATURE

DATE

07-28-05

07-28-05

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072909688

Checkin Date: 07/29/2005 Time: 14:21

Checkout Date: 07/29/2005 Time: 14:56

USN 2000-003-91

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 314

Tractor #: BFLU 000314

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 86,020.00 LBs

TARE WEIGHT : 47,420.00 LBs

NET WEIGHT : 38,600.00 LBs

NON-HAZARDOUS WASTE MANIFEST

38600 #

05072909008

19.3 T

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-91		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000314				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>W. Wade Fillingame</i>		Date Month 07 Date 11 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month 07 Date 11 Year 05			
Printed/Typed Name							
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Date Year			
Printed/Typed Name							
19. Discrepancy Indication Space 13a. 19.3T. Blanket ok per Wade Fillingame 7-29-05 dp							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Tiffany Meyers		Signature <i>Tiffany Meyers</i>		Date Month 7 Date 29 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 91

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Robert Gaylor

PRINTED NAME

Robert Gaylor

SIGNATURE

07-29-05

DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05072909718

Checkin Date: 07/29/2005 **Time:** 13:46

Checkout Date: 07/29/2005 **Time:** 14:23

USN2000-003-92

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 102-ROBERTO

Tractor #:

Trailer #:

Driver: ROBERTO GAYTAN

GROSS WEIGHT :	88,500.00	LBs
TARE WEIGHT :	48,540.00	LBs
NET WEIGHT :	39,960.00	LBs

NON-HAZARDOUS WASTE MANIFEST

19.98T
30960

0807 2909718

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-92		2. Page 1 of 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt/Vol.	
a. Material not Regulated by DOT				1		CM 21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000102				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Date Month 07 Date 11 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date			
Printed/Typed Name		Signature		Month 07 Date 11 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date			
Printed/Typed Name		Signature		Month Date Year			
19. Discrepancy Indication Space 19.98T 13a dp							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Ann Woods Friese		Signature <i>Ann Woods Friese</i>		Date Month 07 Date 29 Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-92

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Robert Gaytan

PRINTED NAME

Robert Gaytan

SIGNATURE

07-29-05

DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05073009842

Checkin Date: 07/30/2005 **Time:** 15:53

Checkout Date: 07/30/2005 **Time:** 16:12

USN 2000-003-93

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 138-MATT

Tractor #: BFLU 000138

Trailer #:

Driver: MATT NOLAN

GROSS WEIGHT : 81,340.00 LBS

TARE WEIGHT : 47,680.00 LBS

NET WEIGHT : 33,660.00 LBS

NON-HAZARDOUS WASTE MANIFEST

16.83T
33660*

05073009842

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page	
	N/A	USN 2000-003-93	1	of 1
3. Generator's Name and Mailing Address		Bill to CABRERA Services, Inc.; East.Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261		
Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				
4. Generators Phone (309) 782-0338				
5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID		
Denton Cartage.		B. Transporter 1 Phone 708-222-3304		
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID		
Union Pacific RR		D. Transporter 2 Phone		
9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID		
US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		F. Facility's Phone		
	IDD 073114654	800-274-1516		
11. WASTE DESCRIPTION		12. Containers No.	Type	13. Total Quantity
a. Material not Regulated by DOT		1	CM	21
b.				
c.				
d.				
14. Unit Wt./Vol.		T		
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above		
WSID # 16281 Container# BFLU 000138				
15. Special Handling Instructions and Additional Information				
In case of Emergency Contact: Wade Fillingame 865-300-5789				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.				
Printed/Typed Name		Signature		Date
W. Wade Fillingame, Jr.		<i>Wade Fillingame</i>		Month 07 Date 11 Year 05
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month 07 Date 11 Year 05
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month Date Year
19. Discrepancy Indication Space				
13a. 16.83T ok per Wade Fillingame per blanket ok. 4-30-05 df.				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature		Date
Donna Pullen FORUSEE		<i>Donna Pullen</i>		Month 07 Date 30 Year 05

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-93

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING

US EPA ID #: WAR 000 001 263

PHONE # 800-406-1183

Mark Nolan
PRINTED NAME

[Signature]
SIGNATURE

7-30-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05080610375

Checkin Date: 08/06/2005 Time: 14:07

Checkout Date: 08/06/2005 Time: 14:33

USN 2000-003-94

Transporter: STEVE FORLER TRUCKING INC.

P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 080-BERT

Tractor #: BFLU 000080

Trailer #:

Driver: BERT LANDON

GROSS WEIGHT :	87,500.00	LBs
TARE WEIGHT :	49,080.00	LBs
NET WEIGHT :	38,420.00	LBs

NON-HAZARDOUS WASTE MANIFEST

19.21T
38420⁶⁶

05080610345

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-94		2. Page 1 or 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generator's Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		B. Transporter 1 Phone 708-222-3304			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No.		13. Total Quantity	
a. Material not Regulated by DOT				1		CM	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000080				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Month 07		Date 11	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month 07		Date 11	
				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name		Signature		Month		Date	
				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Donna Pullen for user		Signature Donna Pullen		Month 08		Date 06	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003-94

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

Bert Alandon
PRINTED NAME

Bert A Landon
SIGNATURE

8-6-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05081110675

Checkin Date: 08/11/2005 Time: 06:57

Checkout Date: 08/11/2005 Time: 09:02

USN -2000-003-95

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001263

Truck #: 093-BERT

Tractor #: BFLU 000093

Trailer #:

Driver: BERT LANDON

GROSS WEIGHT :	87,100.00	LBs
TARE WEIGHT :	47,100.00	LBs
NET WEIGHT :	40,000.00	LBs

NON-HAZARDOUS WASTE MANIFEST

40000 #

20 T

Please print or type

(Form designed for use on elite (12-pitch) typewriter)

USD 811 0675

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Document No. USN 2000-003-95		2. Page 1 or 1	
3. Generator's Name and Mailing Address Great Lakes Naval Training Center 3012 Mississippi St. Bldg 3212A Great Lakes, IL 60088				Bill to CABRERA Services, Inc.; East Hartford, CT, 06108; Ph: (860) 289-1885, F: - 2261			
4. Generators Phone (309) 782-0338							
5. Transporter 1 Company Name Denton Cartage.		6. US EPA ID Number		A. State Transporter's ID			
				B. Transporter 1 Phone 708-222-3304			
7. Transporter 2 Company Name Union Pacific RR		8. US EPA ID Number		C. State Transporter's ID			
				D. Transporter 2 Phone			
9. Designated Facility Name and Site Address US Ecology Idaho, Inc. 10.5 Miles NW on Hwy 78, Lemley Rd. Grand View, ID 83624		10. US EPA ID Number IDD 073114654		E. State Facility's ID			
				F. Facility's Phone 800-274-1516			
11. WASTE DESCRIPTION				12. Containers No. Type		13. Total Quantity	
a. Material not Regulated by DOT				1 1 CM		21 T	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above WSID # 16281 Container# BFLU 000093				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information In case of Emergency Contact: Wade Fillingame 865-300-5789							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulation.							
Printed/Typed Name W. Wade Fillingame, Jr.		Signature <i>Wade Fillingame</i>		Month 07		Date 11	
				Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month 07		Date 11	
Printed/Typed Name				Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month		Date	
Printed/Typed Name				Year			
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Dan Woods for user		Signature <i>D Woods</i>		Month 08		Date 05	
				Year 05			

GENERATOR

TRANSPORTER

FACILITY

CONTINUATION SHEET

PAGE 2 OF 2

Manifest # USN 2000-003- 95

GENERATOR INFORMATION:

Great Lakes Naval Training Center

US EPA ID #: N/A

TRANSPORTER #3:

STEVE FORLER TRUCKING
US EPA ID #: WAR 000 001 263
PHONE # 800-406-1183

BALANDON
PRINTED NAME

BALANDON
SIGNATURE

8-10-05
DATE

Scale Ticket

Phone: 800 274 1516

U.S. ECOLOGY IDAHO, INC.
GRAND VIEW, ID

Scale Ticket #:

Work Order #: 05073009839

Checkin Date: 07/30/2005 **Time:** 17:13

Checkout Date: 07/30/2005 **Time:** 17:30

USN 2000-003-96

Transporter: STEVE FORLER TRUCKING INC.
P.O. BOX 1479
ORTING, WA

EPA ID: WAR000001283

Truck #: 073-ROBERTO

Tractor #: BFLU 000073

Trailer #:

Driver: ROBERTO GAYTON

GROSS WEIGHT : 89,960.00 **LBs**

TARE WEIGHT : 48,780.00 **LBs**

NET WEIGHT : 41,180.00 **LBs**