

KAISER ALUMINUM
CORPORATE ENVIRONMENTAL

May 7, 2001

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
Attn: Document Control Desk

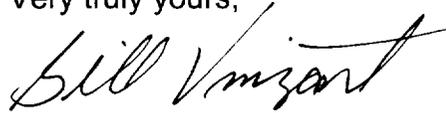
40-2377

Re: Adjacent Land Area Remediation Schedule

Dear Sir or Madame:

Enclosed is the revised schedule for the Adjacent Land Area Remediation. If you have any questions call me at 225/231-5116.

Very truly yours,



J.W. (Bill) Vinzant, P.E.
Manager, Corporate Environmental

JWV/shh

cc: Mr. John Buckley - United States Nuclear Regulatory Commission
Mr. Louis Carson II - United States Nuclear Regulatory Commission
Ms. Pamela Bishop - Oklahoma Department of Environmental Quality
Mr. Stephen L. Jantzen - State of Oklahoma
Dr. Max Scott - ADA Consultants
John Donnan - Houston
Lamar Nichols - Tulsa
Dave Tourdot - Earth Sciences
Al Gutterman - Morgan, Lewis & Bockius
Turgay Ertugrul - A&M
Paul Handa - Tulsa
Scott Van Loo - City of Tulsa
Mr. Harry Patterson - Union Pacific Railroad

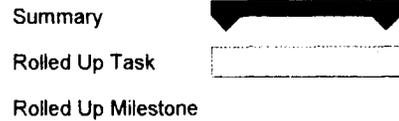
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NY 5/20/01

ADJACENT LAND AREA REMEDIATION KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY

ID	Task Name	Duration	Start	Finish	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
					6	3	1	8	5	3	7	4	4	1	8	6
1	Notice to Proceed	0d	Tue 8/29/00	Tue 8/29/00	◆ 8/29											
2	Phase I - Pre-Remediation	0d	Tue 8/29/00	Tue 8/29/00	◆ 8/29											
3	Task 1- Meeting With City of Tulsa	1d	Tue 8/29/00	Tue 8/29/00	▼											
4	Task 2- Prepare Pollution Prevention Plan, NOI and Earth Change Permit Application	8d	Wed 8/30/00	Mon 9/11/00	▼											
5	Task 3- Submit Pollution Prevention Plan, NOI and Earth Change Permit Application	1d	Tue 9/12/00	Tue 9/12/00	▼											
6	Task 5- Identify Existing Utilities in the Area	5d	Wed 9/13/00	Tue 9/19/00	▼											
7	Task 6- Railroad Permitting	57d	Wed 9/13/00	Mon 12/4/00	▼											
8	Task 7 - Obtain City Earth Change Permit For Outside of PFPI	8d	Wed 9/13/00	Fri 9/22/00	▼											

Project: KAISER ALUMINUM & CHEM
Date: Wed 4/18/01



Rolled Up Progress

ADJACENT LAND AREA REMEDIATION KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY

ID	Task Name	Duration	Start	Finish	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
					6	3	1	8	5	3	7	4	4	1	8	6
9	Task 8- Prepare City of Tulsa PFPI Permitting and Earth Change Permit for PFPI	15d	Wed 9/13/00	Tue 10/3/00												
10	Task 9- City of Tulsa PFPI Review and Approval	55d	Wed 10/4/00	Thu 12/21/00												
11	Task 10- Execution of All PFPI Contracts, bonds and Escrow Accounts	55d	Wed 10/4/00	Thu 12/21/00												
12	Task 11- Verify All Engineering Controls	3d	Wed 9/20/00	Fri 9/22/00												
13	Task 12- Confirm The Radiological Surveys and Field- Identify Remediation areas	3d	Wed 9/20/00	Fri 9/22/00												
14	Task 13- Establish Soil Stockpile Locations	3d	Wed 9/20/00	Fri 9/22/00												
15	Task 14- Determine the Suitable Off Site Borrow Material Needed for Backfill	3d	Wed 9/20/00	Fri 9/22/00												
16	Phase II - Mobilization and Preparation	0d	Fri 9/22/00	Fri 9/22/00												

Project: KAISER ALUMINUM & CHEN Date: Wed 4/18/01	Task	Summary	Rolled Up Progress
	Progress	Rolled Up Task	
	Milestone	Rolled Up Milestone	

ADJACENT LAND AREA REMEDIATION KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY

ID	Task Name	Duration	Start	Finish	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
					6	3	1 8	5	3	7	4	4	1 8	6	3	1 8
17	Task 1- Establish Background Levels for PM10 Monitoring	1d	Mon 9/25/00	Mon 9/25/00			▼									
18	Task 2- Establish Background Levels for Personnel Monitoring, Remediation and Final Survey Measurements	1d	Mon 9/25/00	Mon 9/25/00			▼									
19	Task 3- Establish Sensitivity of Survey Meters	1d	Mon 9/25/00	Mon 9/25/00			▼									
20	Task 4- Establish On-site Field Office	1d	Tue 9/26/00	Tue 9/26/00			▼									
21	Task 5- Mobilize Construction Equipment	1d	Tue 9/26/00	Tue 9/26/00			▼									
22	Task 6- Install Pollution Prevention Measures	2d	Wed 9/27/00	Thu 9/28/00			▼									
23	Task 7- Construct The Containment Area for Stockpile Material	4d	Wed 9/27/00	Mon 10/2/00			▼									
24	Task 8- Construct Access and Haul Roads	4d	Wed 9/27/00	Mon 10/2/00			▼									

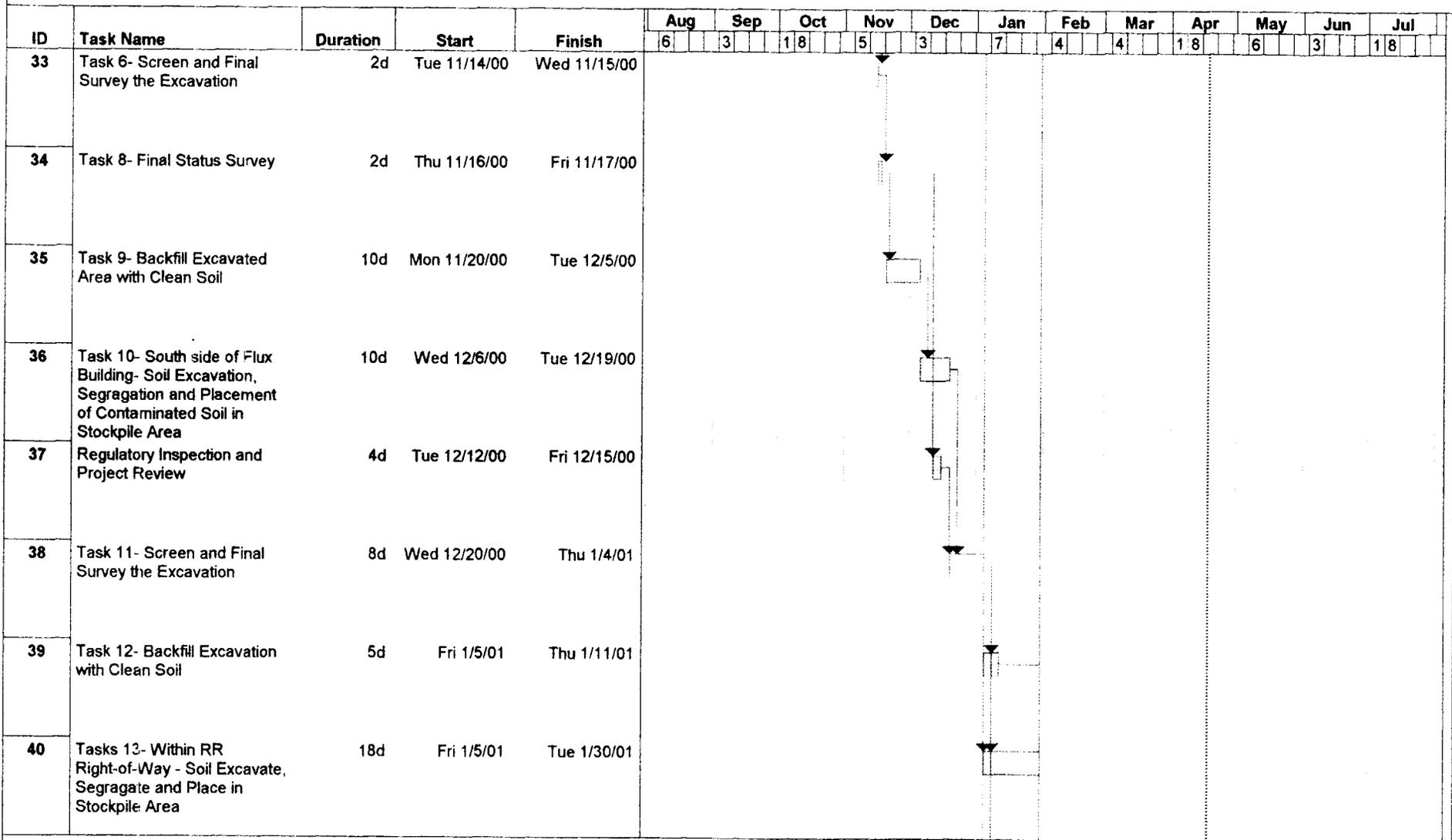
Project: KAISER ALUMINUM & CHEM Date: Wed 4/18/01	Task		Summary		Rolled Up Progress	
	Progress		Rolled Up Task			
	Milestone		Rolled Up Milestone			

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ID	Task Name	Duration	Start	Finish	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
					6	3	1 8	5	3	7	4	4	1 8	6	3	1 8
25	Task 9- Construct Decntamination Pad and Provide Water Supply	4d	Wed 9/27/00	Mon 10/2/00			▼									
26	Task 10- Survey and Grid the Contaminated Areas by Kaiser	4d	Wed 9/27/00	Mon 10/2/00			▼									
27	Phase III - Project Remediation	0d	Mon 10/2/00	Mon 10/2/00			◆ 10/2									
28	Tasks 1- Beejay Inc. (Partial) and Red Man Properties- Soil Excavation, Segregation and Placement of Contaminated Soil in Stockpile	3d	Tue 10/3/00	Thu 10/5/00			▼									
29	Task 2- Screen and Final Survey the Excavation	3d	Fri 10/6/00	Tue 10/10/00			▼									
30	Task 3- Final Status Survey	3d	Wed 10/11/00	Fri 10/13/00			▼									
31	Task 4- Backfill Excavated Area with Clean Soil	1d	Mon 10/16/00	Mon 10/16/00			▼									
32	Task 5- Specific Systems Property- Soil Excavation, Segregation and Placement of Contaminated Soil in Stockpile Area	20d	Tue 10/17/00	Mon 11/13/00			▼									

Project: KAISER ALUMINUM & CHEM Date: Wed 4/18/01	Task	□	Summary	▬	Rolled Up Progress	▬
	Progress	▬	Rolled Up Task	□		
	Milestone	◆	Rolled Up Milestone			

ADJACENT LAND AREA REMEDIATION KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY



Project: KAISER ALUMINUM & CHEM Date: Wed 4/18/01	Task		Summary		Rolled Up Progress	
	Progress		Rolled Up Task			
	Milestone		Rolled Up Milestone			

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ID	Task Name	Duration	Start	Finish	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
					6	3	1	8	5	3	7	4	4	1	8	6	3
41	Task 14- Screen and Final Survey the Excavation	18d	Fri 1/5/01	Tue 1/30/01						▼							
42	Task 15- Backfill Excavation with Clean Soil	18d	Fri 1/5/01	Tue 1/30/01						▼							
43	Task 16- Beejay Inc. Property Fulton Creek Area- Soil Excavation, Segregation and Placement of Contaminated Soil in Stockpile Area	5d	Wed 1/31/01	Tue 2/6/01						▼	▢						
44	Task 17- Screen and Final Survey the Excavation	5d	Wed 1/31/01	Tue 2/6/01						▼	▢						
45	Task 18- Backfill Excavation with Clean Soil	5d	Wed 1/31/01	Tue 2/6/01						▼	▢						
46	Tasks 19 - Within 41st Street Right-of-way- Excavation, Segregation and Placement of Contaminated Soil in Stockpile Area	15d	Wed 2/7/01	Tue 2/27/01							▼						
47	Task 20- Screen and Final Survey the Excavation	15d	Wed 2/7/01	Tue 2/27/01							▼	▢					
48	Task 21- Backfill Excavation with Clean Soil	15d	Wed 2/7/01	Tue 2/27/01							▼	▢					

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	Progress		Rolled Up Task			
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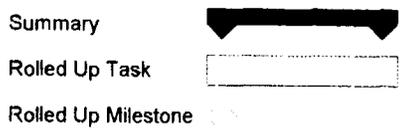
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					6	3	1	8	5	3	7	4	4	1	8	6
49	Task 22- Probable Regulator Inspection	3d	Wed 2/28/01	Fri 3/2/01								4				
50	Tasks 24- RR Right-of-way Grids 1, 2, 3 and 4- Excavation, Segregation and Placement of Contaminated Soil in Stockpile Area	5d	Wed 2/28/01	Tue 3/6/01								4				
51	Task 25- Screen and Final Survey The Excavation	5d	Wed 2/28/01	Tue 3/6/01								4				
52	Task 26- Backfill Excavation with Clean Soil	5d	Wed 2/28/01	Tue 3/6/01								4				
53	Task 27- Geoprobe Sampling and Analysis Investigation	10d	Wed 3/7/01	Tue 3/20/01								4				
54	Task 28- Survey Units 4L, 4M, 7D & 7E- Excavation, Segregation and Placement of Contaminated Soil in Stockpile Area	12d	Wed 3/21/01	Thu 4/5/01								4				
55	Task 29- Screen and Final Survey The Excavations	12d	Wed 3/21/01	Thu 4/5/01								4				
56	Task 30- Backfill Excavations with Clean Soil	12d	Wed 3/21/01	Thu 4/5/01								4				

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					6	3	18	5	3	7	4	4	18	6	3	18
57	Task 31- Geoprobe Sampling and Analysis of Unimpacted Areas for Final Verification Survey	18d	Wed 3/21/01	Fri 4/13/01												
58	Task 32- Final Inspection by all Involved Parties	4d	Fri 4/6/01	Wed 4/11/01												
59	Remediation Complete	0d	Fri 4/13/01	Fri 4/13/01												
60	Final Field Screening Survey	45d	Mon 4/16/01	Fri 6/15/01												
61	Preparation of Final Survey Report and Project Documentation	45d	Mon 4/16/01	Fri 6/15/01												
62	Final Survey Report QC Review	10d	Mon 6/18/01	Fri 6/29/01												
63	Final Survey Report Submittal to Regulatory Agencies	1d	Mon 7/2/01	Mon 7/2/01												
64	Project - Phase I Complete	0d	Mon 7/2/01	Mon 7/2/01												

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