

46-2377

KAISER ALUMINIUM
CORPORATE ENVIRONMENTAL

September 29, 2000

FEDERAL EXPRESS

Mr. John Buckley
Nuclear Regulatory Commission
TWFN, 7F27
Washington, DC 20555-0001

Re: Kaiser Tulsa Adjacent Land Remediation Schedule

Dear Mr. Buckley:

Enclosed is a detailed schedule for the Tulsa Adjacent Land Remediation Project. As Turgay indicates in his cover letter, details of the schedule are subject to change. We will keep you informed as work progresses.

I have just learned that the City of Tulsa has issued the Earth Change permit so, as we discussed during your site inspection two weeks ago, excavation in the Beejay/Red Man area will begin the week of October 2, 2000.

Call me if you have any questions or comments.

Very truly yours,



J. W. (Bill) Vinzant, P.E.
Project Manager

JWV/shh

cc: 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
U.S.N.R.C., Document Control Desk
Scott Van Loo – City of Tulsa
Mr. Harry Patterson – Union Pacific Railroad
File – Tulsa – 3.12.07

NmssSDPublic



A & M ENGINEERING AND ENVIRONMENTAL SERVICES, INC.

10010 E. 16TH STREET
TULSA, OK 74128-4813

ENGINEERING - ENVIRONMENTAL - CONSTRUCTION
(918) 665-6575 FAX (918) 665-6576

September 15, 2000



Mr. Bill Vinzant
Environmental Manager
Kaiser Aluminum
9141 Interline Avenue, Ste. 1A
Baton Rouge, Louisiana 70809

Re: Adjacent land area remediation – Tulsa Kaiser Aluminum Chemical Corp. Facility

Dear Bill:

Attached is the revised project schedule for the above referenced project. The project schedule is subject to changes depending upon the following:

- Permitting durations with the City of Tulsa for the earth change permits, PFPI permit and related contracted agreements with the City of Tulsa.
- Impact due to rain and other weather conditions.
- Delays due to accommodate NRC inspector and other regulatory agencies.
- Delays due to accommodate the City of Tulsa inspectors for PFPI work.
- Permitting durations with the railroad company.
- Delays may result to accommodate the operations of the adjacent property owners.
- Delays may result to accommodate the operations of the railroad.

Presently, we are scheduled to start the mobilization and preparation phase on September 22, 2000, and start the remediation activities on October 2, 2000.

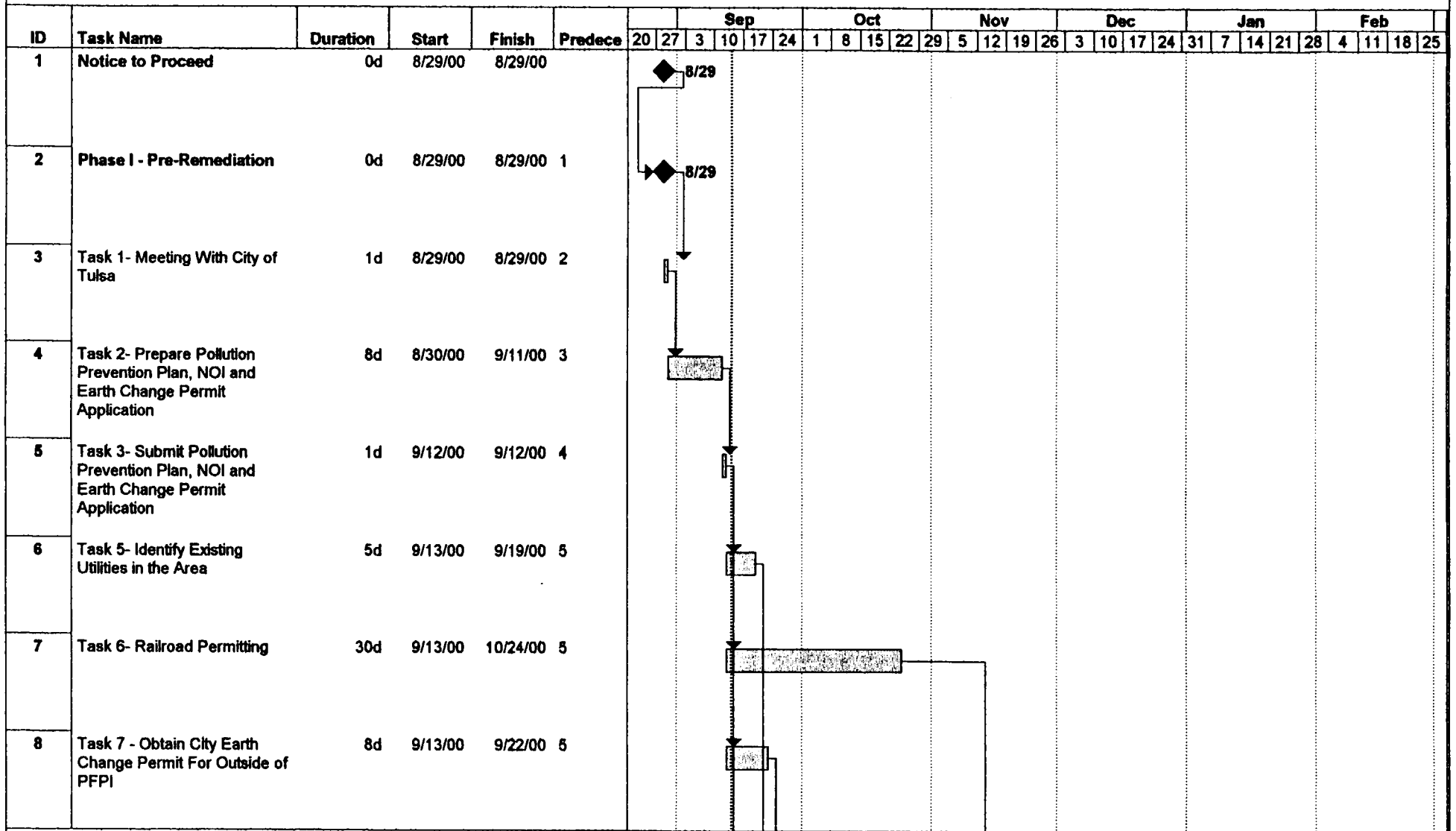
If you have any questions, please call me.

Very truly yours,

Turgay M. Ertugrul, P.E.
Vice President

cc: Dave Tourdot, Earth Sciences Corp. and Paul Handa, Tulsa Kaiser

ADJACENT LAND AREA REMEDIATION KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY



Project: KAISER ALUMINUM & CHEM
Date: 9/14/00

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	Predecessors
9	Task 8- Prepare City of Tulsa PFPI Permitting and Earth Change Permit for PFPI	15d	9/13/00	10/3/00	5
10	Task 9- City of Tulsa PFPI Review and Approval	30d	10/4/00	11/14/00	9
11	Task 10- Execution of All PFPI Contracts, bonds and Escrow Accounts	30d	10/4/00	11/14/00	9
12	Task 11- Verify All Engineering Controls	3d	9/20/00	9/22/00	6
13	Task 12- Confirm The Radiological Surveys and Field- Identify Remediation areas	3d	9/20/00	9/22/00	6
14	Task 13- Establish Soil Stockpile Locations	3d	9/20/00	9/22/00	6
15	Task 14- Determine the Suitable Off Site Borrow Material Needed for Backfill	3d	9/20/00	9/22/00	6
16	Phase II - Mobilization and Preparation	0d	9/22/00	9/22/00	8,12,13,15

Project: KAISER ALUMINUM & CHEN
Date: 9/14/00

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ADJACENT LAND AREA REMEDIATION KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY

ID	Task Name	Duration	Start	Finish	Predecessors	Sep					Oct					Nov					Dec					Jan					Feb				
						20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25		
17	Task 1- Establish Background Levels for PM10 Monitoring	1d	9/25/00	9/25/00	8,16																														
18	Task 2- Establish Background Levels for Personnel Monitoring, Remediation and Final Survey Measurements	1d	9/25/00	9/25/00	8,16																														
19	Task 3- Establish Sensitivity of Survey Meters	1d	9/25/00	9/25/00	8,16																														
20	Task 4- Establish On-site Field Office	1d	9/26/00	9/26/00	17,18,19																														
21	Task 5- Mobilize Construction Equipment	1d	9/26/00	9/26/00	17,18,19																														
22	Task 6- Install Pollution Prevention Measures	2d	9/27/00	9/28/00	21																														
23	Task 7- Construct The Containment Area for Stockpile Material	4d	9/27/00	10/2/00	21																														
24	Task 8- Construct Access and Haul Roads	4d	9/27/00	10/2/00	21																														

Project: KAISER ALUMINUM & CHEM
Date: 9/14/00

Task



Summary



Rolled Up Progress



Progress



Rolled Up Task



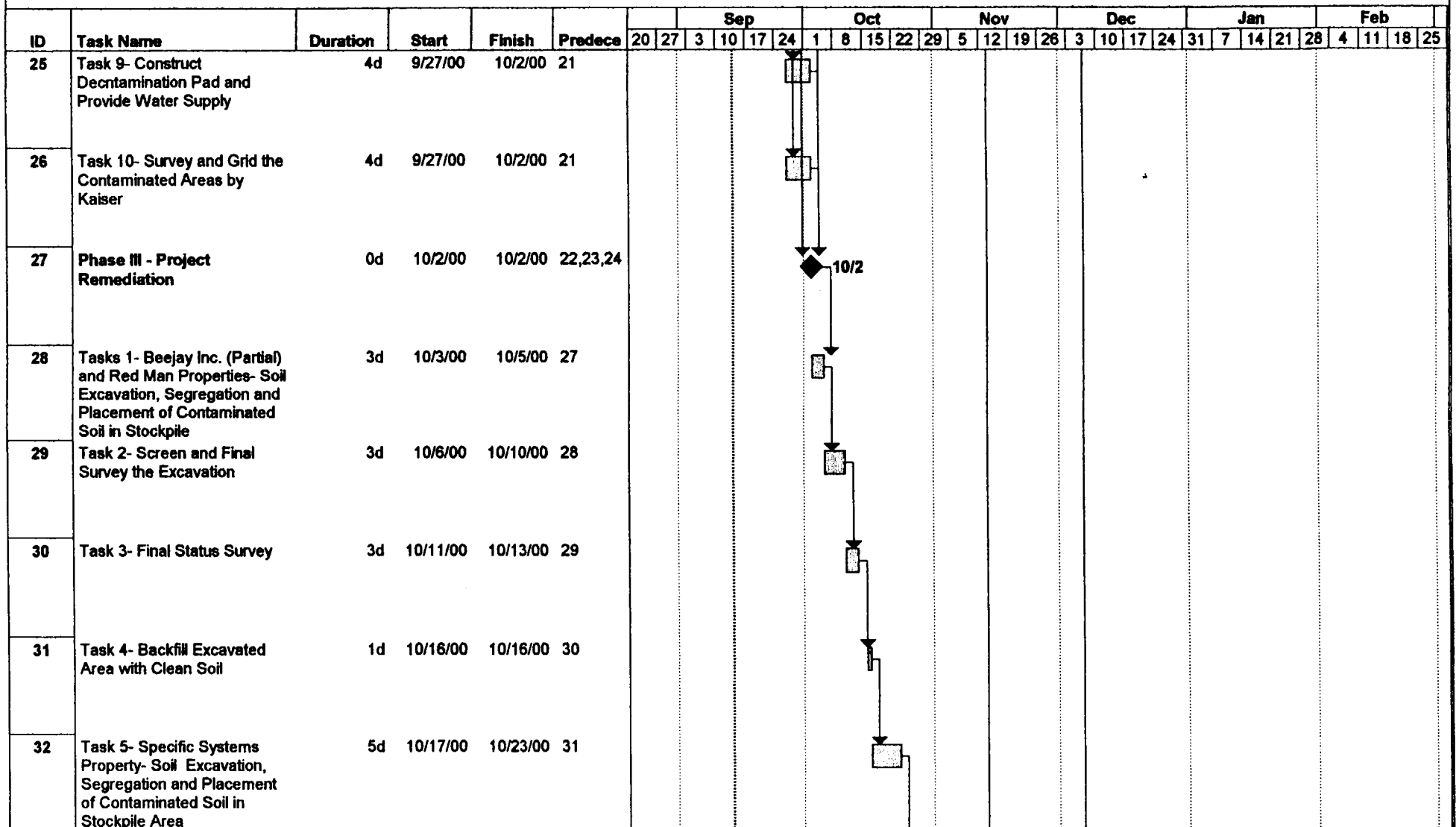
Milestone



Rolled Up Milestone



ADJACENT LAND AREA REMEDIATION KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY



Project: KAISER ALUMINUM & CHEM
Date: 9/14/00

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	Predecessor	Sep				Oct				Nov				Dec				Jan				Feb			
						20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28
33	Task 6- Screen and Final Survey the Excavation	2d	10/24/00	10/25/00	32																								
34	Task 8- Final Status Survey	2d	10/26/00	10/27/00	33																								
35	Task 9- Backfill Excavated Area with Clean Soil	2d	10/30/00	10/31/00	34																								
36	Task 10- South side of Flux Building- Soil Excavation, Segregation and Placement of Contaminated Soil in Stockpile Area	5d	11/1/00	11/7/00	35																								
37	Task 11- Screen and Final Survey the Excavation	2d	11/8/00	11/9/00	36																								
38	Task 12- Backfill Excavation with Clean Soil	2d	11/10/00	11/13/00	37																								
39	Tasks 13- Within RR Right-of-Way (Outside of 25 ft from RR Centerline)- Soil Excavate, Segregate and Place in Stockpile Area	15d	11/14/00	12/6/00	38,7																								
40	Task 14- Screen and Final Survey the Excavation	15d	11/14/00	12/6/00	7,38																								

Project: KAISER ALUMINUM & CHEM

Date: 9/14/00

Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

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KAISER ALUMINUM & CHEMICAL CORPORATION FACILITY**

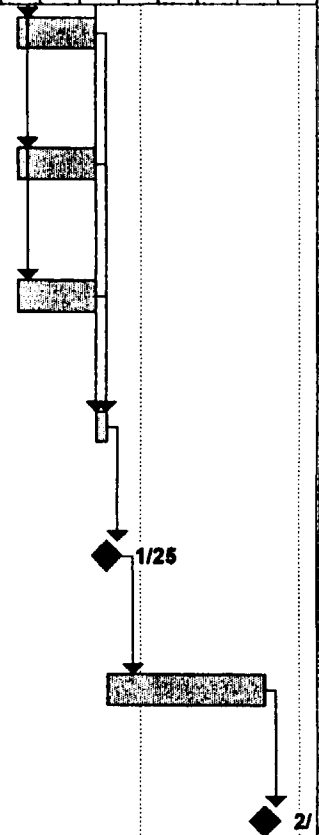
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Project: KAISER ALUMINUM & CHEM
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49	Tasks 24- Within 25 ft of RR Centerline- Excavation, Segragation and Placement of Contaminated Soil in Stockpile Area	10d	1/10/01	1/23/01	47																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



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