

Hope Monzeglio

From: Hope Monzeglio [hope_monzeglio@nmenv.state.nm.us]
Sent: Monday, January 10, 2005 12:10 PM
To: Steve Morris; Ed Riege
Cc: Wayne Price; David Cobrain
Subject: SWMU 8 - Continued work

Ed & Steve

Please provide NMED with another schematic diagram of Rail Road Rack Lagoon. The diagram shall identify the three areas of concern where further excavation will take place and the proposed sampling locations. Please include the depths at which the samples will be collected.

Indicate the approximate amount of soil to be removed at each of the identified areas of concern addressed in the 1/6/05 email titled Railroad Rack Lagoon.

Please identify the length of pipe that will be removed.

All samples must be sent to a certified laboratory and analyzed for General Chemistry parameters, VOCs by EPA Method 8021B, SVOCs by EPA Method 8270, DRO and ORO by EPA Method 8015B.

NMED is requiring Giant to collect an additional sample at the base of the excavation between B-1 and B-2. This sample shall be collected from native soil (a minimum of six inches of soil must be removed prior to collection from this point.) This sample shall be analyzed SVOCs by EPA Method 8270, DRO and ORO by EPA Method 8015B.

Please CC Wayne Price from OCD on all emails and information submitted to NMED pertaining to Rail Road Rack Lagoon SWMU # 8.

Please contact me with any questions 505-428-2545.

Hope Monzeglio

GRCC

Hope Monzeglio

From: Steve Morris [smorris@giant.com]
Sent: Thursday, January 06, 2005 3:46 PM
To: Wayne Price (E-mail); Dave Cobrain (E-mail); Hope Monzeglio (E-mail)
Subject: FW: Railroad Rack Lagoon



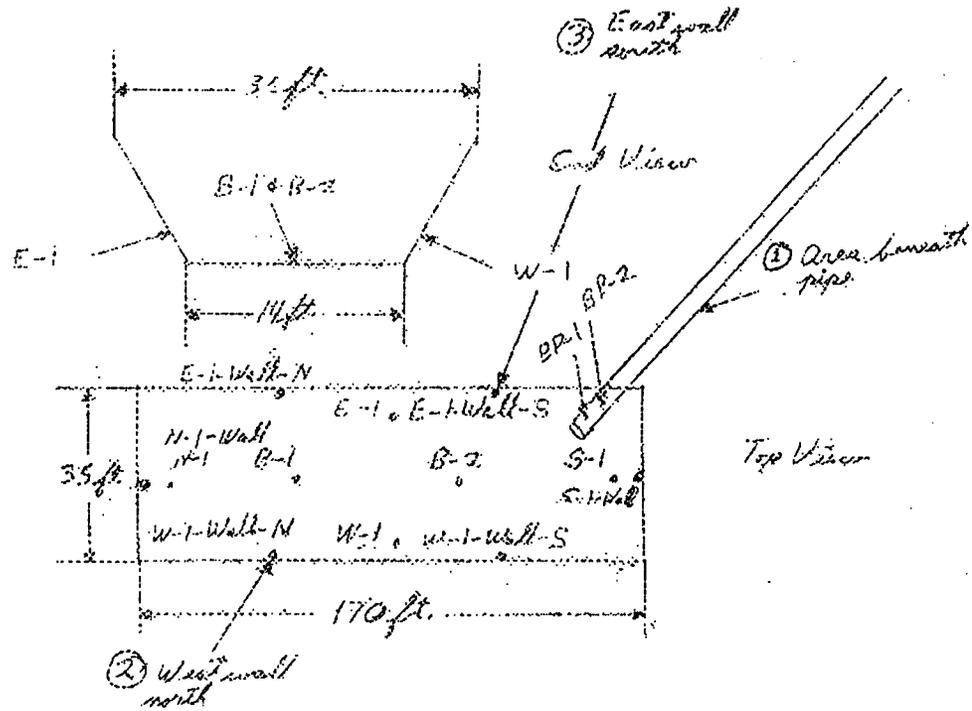
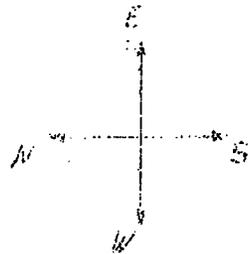
Railroad Rack Lagoon SWMU # 8...
RR Rack Rev 2.jpg

Dear Dave, Hope, and Wayne, <<Railroad Rack Lagoon SWMU # 8.xls>> <<RR Rack Rev 2.jpg>>

- > After reviewing sample results from the excavation at the Railroad Rack
- > Lagoon, we have found
- > three areas of concern. These are marked on the attached drawing as
- > circled 1, 2, and 3.
- > Area one (Area beneath pipe) will be excavated to include:
- >
- > * Removing soil from above pipe and field testing.
- > * Removing pipe from excavation.
- > * Remove contaminated soil and field testing.
- > * Send soil samples from excavation to Hall Lab. in
- > Albuquerque for confirmation.
- >
- > Areas two and three will be excavated and sampled in the same manner as
- > the original portion
- > of the project. (Field testing and confirmation samples)
- >
- > In addition to the drawing, we are including a summary sheet of the sample
- > results. We will
- > also send hard copies of the actual analysis by mail.
- >
- > Fuhs Trucking will return to finish this project as soon as the weather
- > and their schedule allows.
- >
- > Please let us know if this plan meets your approval. If there are any
- > questions or concerns with this portion of the project, please give me a
- > call at
- > 505-722-0258, or Ed Riege at 505-722-0217.
- >
- > Thanks,
- > Steve Morris

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Great Refining Company - Canada
 Railroad Rack Lagoon



Drawing # 111704-1
 by Ethel M. Davis
 September 17th, 1924
 Revised for Jan. 6th, 25

Railroad Rack Lagoon SWMU #8

All analysis are in mg/kg (ppm)

Sample ID #	Date	Fluoride	Chloride	Nitrate	Sulfate	Nitrite	Phosphorus	DRO	MRO	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes, Total
RR-N-1	11/18/2004	18	320	4.9	680	ND	ND	ND	ND	ND	ND	ND	ND	ND
RR-E-1	11/18/2004	6.1	54	ND	74	ND	ND	81	ND	ND	ND	ND	ND	ND
RR-S-1	11/18/2004	4.6	27	ND	28	ND	ND	31	ND	ND	ND	ND	ND	0.082
RR-W-1	11/18/2004	4.6	37	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
RR-N-1 WALL	11/18/2004	3.4	300	ND	610	ND	ND	ND	ND	ND	ND	ND	ND	ND
RR-S-1-WALL	11/18/2004	4.7	16	ND	380	ND	ND	ND	ND	ND	ND	ND	ND	ND
RR-E-1-WALL N	11/18/2004	36	16	6.6	270	ND	ND	150	ND	ND	ND	ND	ND	ND
RR-E-1-WALL S	11/20/2004	ND	57	ND	ND	ND	ND	6300	ND	ND	0.57	0.86	14	83
RR-W-1-WALL N	11/18/2004	14	290	4.3	860	ND	ND	450	140	ND	ND	ND	ND	ND
RR-W-1-WALL S	11/18/2004	7.9	33	ND	39	ND	ND	310	ND	ND	ND	ND	ND	ND
RR-B-1	11/18/2004	4.5	34	ND	ND	ND	ND	99	ND	ND	ND	ND	ND	0.52
RR-B-2	11/18/2004	7.5	17	ND	680	ND	ND	ND	ND	ND	ND	ND	ND	ND
RR-BP-1	11/18/2004	5.4	60	ND	ND	ND	ND	3600	ND	ND	2.5	27	17	110
RR-BP-2	11/18/2004	8.1	59	ND	24	ND	ND	2700	ND	ND	2.2	25	15	100
Sample ID #	Date	Mercury	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Potassium	Selenium	Silver	Sodium	pH
RR-N-1	11/18/2004	ND	ND	250	ND	18000	7	14	5200	2100	ND	ND	2000	8.25
RR-E-1	11/18/2004	ND	ND	290	ND	16000	5.8	5.7	4600	1300	ND	ND	1300	9.23
RR-S-1	11/18/2004	ND	ND	300	ND	17000	5.6	5.1	4400	1400	ND	ND	870	9.05
RR-W-1	11/18/2004	ND	ND	310	ND	16000	7	7.8	4800	1300	ND	ND	1300	9.13
RR-N-1 WALL	11/18/2004	ND	ND	280	ND	18000	7.6	5.3	5800	2700	ND	ND	1500	8.37
RR-S-1-WALL	11/18/2004	ND	ND	300	ND	17000	6.9	5.9	5400	2000	ND	ND	1000	8.55
RR-E-1-WALL N	11/18/2004	ND	ND	260	ND	15000	6.3	6.2	4600	1700	ND	ND	1200	8.58
RR-E-1-WALL S	11/20/2004	ND	ND	250	ND	28000	4.5	7.7	4200	690	ND	ND	ND	8.88
RR-W-1-WALL N	11/18/2004	0.037	ND	460	ND	32000	27	11	4300	1200	ND	ND	1100	8.21
RR-W-1-WALL S	11/18/2004	ND	ND	320	ND	17000	3.1	2.9	4200	1000	ND	ND	920	8.89
RR-B-1	11/18/2004	ND	ND	260	ND	15000	5.9	5.6	4600	1300	ND	ND	1400	9.06
RR-B-2	11/18/2004	ND	ND	320	ND	17000	5.1	5.1	4200	1000	ND	ND	1300	8.75
RR-BP-1	11/18/2004	0.082	ND	240	0.1	16000	5.5	12	3300	1000	ND	ND	590	8.25
RR-BP-2	11/18/2004	ND	ND	170	ND	13000	4.4	7.4	3000	940	ND	ND	570	8.51
Background														
BG-1	5/23/1997	0.02	ND	240	ND	-	8	7	-	-	ND	ND	-	8.79
BG-2	5/24/1997	ND	ND	240	ND	-	13	8	-	-	ND	ND	-	9.04
BG-3	5/25/1997	ND	ND	310	ND	-	13	10	-	-	ND	ND	-	8.94
BG-4	5/26/1997	ND	ND	240	ND	-	13	7	-	-	ND	ND	-	8.7