#1 In Service
SUNCO TRUCKING
BIGA WELL SERVICE

P.O. Drawer 3337, 700 S. Tucker, Farmington, New Mexico 87499
(505) 327-4961 • **24-Hour Dispatch (505) 325-6892** • (505) 327-0416

July 15, 1998

Roger Anderson
Environmental Bureau Chief
New Mexico OCD
2040 South Pacheco
Santa Fe, New Mexico 87505

Denny Foust
Deputy Oil & Gas Inspector
New Mexico OCD
1000 Rio Brazos Road
Aztec, New Mexico 87410

Dear Sirs:

Please find attached our Quarterly Injection Well Report for Sunco Disposal.
The following explanation is needed concerning Flow Rate and Annular Pressures.

On Flow Rates: The average was based on a 16 hour days / days in the month .
Also there were many days when there was no pump activity.

On Annular Pressures: The non-continuous injection pump activity had severely effected the backside pressures . So on a letter dated March 20,1997 NMOCD granted Sunco a permit amendment pertaining to the annulus. This change in the permit is reflected in this quarters report.

The Injection Water Analysis is also provided . If you require additional information, please contact me at (505) 334-6186

Best Regards:

Michael Talovich
Disposal Manager
Sunco Trucking

cc: H. Stone

SUNCO DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 1998	INJECTION PRESSURES			FLOW RATES			'FLOW VOLUMES / DAY			'ANNULAR PRESSURES			CLASS 1 NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH(bbls)	'YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
JAN	1940	1740	1920	2,863	808	2,044	63,358	63,358	2,730,383	0	0	0	5,040
FEB	1940	1740	1920	2,736	1,177	1,809	50,641	113,999	2,781,024	0	0	0	0
MAR	1950	1740	1920	2,495	1,339	1,750	54,262	168,261	2,835,286	0	0	0	2,680
APR	1950	1740	1920	2,860	0	1,728	51,848	220,109	2,887,134	0	0	0	800
MAY	1950	1740	1920	2,698	0	1,494	46,303	266,412	2,933,437	0	0	0	0
JUN	1950	1740	1920	2,797	0	1,325	39,751	306,163	2,973,188	0	0	0	240
JUL													
AUG													
SEP													
OCT													
NOV													
DEC													

CERTIFICATION Michael Jaloski DATE 7-20-98

Inter·Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

July 2, 1998

Michael Talovich
Sunco Trucking
703 S. Tucker
Farmington, NM 87401

Mr. Talovich:

Enclosed, please find the reports for the samples received by our laboratory for analysis on June 11, 1998. I apologize for the delay in receiving your results.

If you have any questions about the results of these analyses, please don't hesitate to call me at your convenience.

We appreciate your business!

Sincerely,

Sharon Williams
Organics Lab Supervisor

Enclosures
xc File

Inter·Mountain Laboratories, In

2506 W. Main Street
Farmington, New Mexico 87401

Client: Sunco Trucking
Project: Injection Plant
Sample ID: Injection Pump
Lab ID: 0398G03256
Matrix: Water
Condition: Cool/Intact

Date Received: 06/11/98
Date Reported: 06/29/98
Date Sampled: 06/11/98
Time Sampled: 1530

Parameter	Analytical Result	Units		Units	PQL	Method	Analysis Date	Time	Init.
General Parameters									
PH	8.0	s.u.			0.1	EPA 150.1	06/11/98	1600	BJ
Electrical Conductivity	33,200	µmhos/cm			10	EPA 120.1	06/11/98	1600	BJ
Solids - Total Dissolved	20,700	mg/L			10	EPA 160.1	06/17/98	0800	BJ
Solids - Total Dissolved (Calc)	18,675	mg/L			10	Calculation	06/17/98	0800	BJ
Solids-Total	21,000	mg/L			10	EPA 160.3	06/19/98	1000	BJ
Alkalinity (CaCO3)	1,910	mg/L			1	EPA 310.1	06/22/98	0800	AP
Hardness (CaCO3)	471	mg/L			1	Calculation	06/24/98	1000	AP
Major Anions									
Bicarbonate (HCO3)	2,320	mg/L	38.1	meq/L	1	EPA 310.1	06/22/98	0800	AP
Carbonate (CO3)	<1	mg/L	<0.01	meq/L	1	EPA 310.1	06/22/98	0800	AP
Hydroxide (OH)	<1	mg/L	<0.01	meq/L	1	EPA 310.1	06/22/98	0800	AP
Chloride	10,100	mg/L	286	meq/L	1	EPA 300.0	06/23/98	1000	AP
Nitrogen - Nitrate/Nitrite	0.22	mg/L			0.05	EPA 353.2	06/16/98	1019	SH
Sulfate	172	mg/L	3.59	meq/L	5	EPA 300.0	06/23/98	1000	AP
Major Cations									
Calcium	97	mg/L	4.83	meq/L	4	EPA 200.7	06/15/98	1428	ST
Magnesium	56	mg/L	4.59	meq/L	4	EPA 200.7	06/15/98	1428	ST
Potassium	859	mg/L	22.0	meq/L	4	EPA 200.7	06/15/98	1428	ST
Sodium	6,210	mg/L	270	meq/L	4	EPA 200.7	06/15/98	1430	ST
Cation / Anion Balance QC Information									
Anion Sum			328	meq/L	N/A	Calculation	06/26/98	1400	AP
Cation Sum			302	meq/L	N/A	Calculation	06/26/98	1400	AP
Cation/Anion Balance			4.16	%	N/A	Calculation	06/26/98	1400	AP

Reference: EPA - "Methods for Chemical Analysis of Water and Wastes", United States Environmental Protection Agency, EPA 600/4-79-020, Revised March, 1983.
EPA - "Methods for the Determination of Inorganic Substances in Environmental Samples", United States Environmental Protection Agency, EPA 600/R-93/100, August, 1983.

Reviewed By: _____
John Green, Water Lab Supervisor

Inter·Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

Client:	**IML - Farmington**		
Project:	**Sunco**	**Date Reported:**	06/30/98
Sample ID	Injection Plant - Pump	**Date Sampled:**	06/11/98
Lab ID:	0298W03007	**Date Received:**	06/12/98
Matrix:	Water		
Condition:	Cool/Intact	**Date Analyzed:**	06/22/98

Parameter	Analytical Result	PQL	Units
Method 8260			
1,1,1,2-Tetrachloroethane	ND	5	µg/L
1,1,1-Trichloroethane	ND	5	µg/L
1,1,2,2-Tetrachloroethane	ND	5	µg/L
1,1,2-Trichloroethane	ND	5	µg/L
1,1-Dichloroethane	ND	5	µg/L
1,1-Dichloroethene	ND	5	µg/L
1,1-Dichloropropene	ND	5	µg/L
1,2,3-Trichlorobenzene	ND	5	µg/L
1,2,4-Trichlorobenzene	ND	5	µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	5	µg/L
1,2-Dibromoethane	ND	5	µg/L
1,2-Dichlorobenzene	ND	5	µg/L
1,2-Dichloroethane	ND	5	µg/L
1,2-Dichloropropane	ND	5	µg/L
1,3-Dichlorobenzene	ND	5	µg/L
1,3-Dichloropropane	ND	5	µg/L
1,4-Dichlorobenzene	ND	5	µg/L
2,2-Dichloropropane	ND	5	µg/L
2-Chloroethy vinyl ether	ND	5	µg/L
2-Chlorotoluene	ND	5	µg/L
4-Chlorotoluene	ND	5	µg/L
Bromochloromethane	ND	5	µg/L
Bromodichloromethane	ND	5	µg/L
Bromoform	ND	5	µg/L
Bromomethane	ND	5	µg/L
Carbon Tetrachloride	ND	5	µg/L
Chlorobenzene	ND	5	µg/L
Chloroethane	ND	5	µg/L
Chloroform	ND	5	µg/L
Chloromethane	ND	5	µg/L
cis-1,2-Dichloroethene	ND	5	µg/L
cis-1,3-Dichloropropene	ND	5	µg/L
Dibromochloromethane	ND	5	µg/L
Dibromomethane	ND	5	µg/L
Dichlorodifluoromethane	ND	5	µg/L

ND - Parameter not detected at stated Practical Quantitation Limit.

Reference: Method 8260, Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Rev. 1, November 1992.

Reviewed By: JCC

Inter-Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

Client: IML - Farmington
Project: Sunco
Sample ID Injection Plant - Pump
Lab ID: 0298W03007
Matrix: Water
Condition: Cool/Intact

Date Reported: 06/30/98
Date Sampled: 06/11/98
Date Received: 06/12/98
Date Analyzed: 06/22/98

Parameter	Analytical Result	PQL	Units
Hexachlorobutadiene	ND	5	µg/L
Methylene chloride	ND	20	µg/L
Tetrachloroethene (PCE)	ND	5	µg/L
trans-1,2-Dichloroethene	ND	5	µg/L
trans-1,3-Dichloropropene	ND	5	µg/L
trans-1,4-Dichloro-2-butene	ND	50	µg/L
Trichloroethene (TCE)	ND	5	µg/L
Trichlorofluoromethane	ND	5	µg/L
Vinyl Chloride	ND	5	µg/L

Quality Control - Surrogate Recovery	%	QC Limits
4-Bromofluorobenzene(SUR-8260)	96	86 - 115
Dichloroethane-d4 (SUR-8260)	133	80 - 120
Toluene-d8(SUR-8260)	96	88 - 110

ND - Parameter not detected at stated Practical Quantitation Limit.

Reference: Method 8260, Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Rev. 1, November 1992.

Reviewed By: _____

Inter-Mountain Laboratories, In

2506 W. Main Street
Farmington, New Mexico 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL CONCENTRATION

Client:	**Sunco Disposal**		
Project:	Injection Pump	Date Reported:	06/26/98
Sample ID:	Injection Pump	Date Sampled:	06/11/98
Laboratory ID:	0398G03256	Date Received:	06/11/98
Sample Matrix:	Water	Date Analyzed:	06/25/98

Parameter	Result	Detection Limit	Regulatory Level	Units
Arsenic	<0.005	0.005	5	mg/L
Barium	3.94	0.01	100	mg/L
Cadmium	<0.004	0.004	1	mg/L
Chromium	0.016	0.01	5	mg/L
Lead	<0.05	0.05	5	mg/L
Mercury	<0.001	0.001	0.2	mg/L
Selenium	0.007	0.005	1	mg/L
Silver	<0.01	0.01	5	mg/L

References: Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Comments:

Reported By: _____ Reviewed: _____

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

Client:	Sunco Trucking		
Project ID:	Injection Plant	Report Date:	06/24/98
Sample ID:	Injection Pump	Date Sampled:	06/11/98
Lab ID:	0398G03256	Date Received:	06/11/98
Sample Matrix:	Water	Date Extracted:	NA
Condition:	Cool/Intact	Date Analyzed:	06/19/98

Target Analyte	Concentration (ppb)	Detection Limit (ppb)
Benzene	10.7	0.4
Toluene	29.0	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	6.8	0.4
m,p-Xylenes	47.6	0.4
o-Xylene	41.9	0.4
1,3-Dichlorobenzene	29.0	0.4
1,4-Dichlorobenzene	ND	0.4
1,2-Dichlorobenzene	33.7	0.4

ND - Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	Percent Recovery	Acceptance Limits
Bromofluorobenzene	158.0%	70 -130%

Reference: Method 5030, Purge and Trap; Method 602, Purgeable Aromatics; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, USEPA, October 1984.

Comments: Surrogate failed to meet acceptance limits due to matrix affect.

Analyst

Review

Inter-Mountain Laboratories, Inc

2506 W. Main Street
Farmington, New Mexico 87401

Quality Control / Quality Assurance

Known Analysis
Purgeable Aromatics

Client: Sunco Trucking
Project: Injection Plant

Date Reported: 06/24/98
Date Analyzed: 06/19/98

Known Analysis

Parameter	Found Result (ppb)	Known Result (ppb)	Percent Recovery	Acceptance Limits
Benzene	11.2	10.0	**112%**	70-130%
Toluene	10.9	10.0	**109%**	70-130%
Chlorobenzene	11.4	10.0	**114%**	70-130%
Ethylbenzene	11.2	10.0	**112%**	70-130%
m+p-Xylene	22.5	20.0	**113%**	70-130%
o-Xylene	10.6	10.0	**106%**	70-130%
1,3-Dichlorobenzene	11.1	10.0	**111%**	70-130%
1,4-Dichlorobenzene	11.2	10.0	**112%**	70-130%
1,2-Dichlorobenzene	10.6	10.0	**106%**	70-130%

Quality Control:

Surrogate	Percent Recovery	Acceptance Limits
Bromofluorobenzene	103%	70-130%

Reference: Method 5030, Purge and Trap; Method 602, Purgeable Aromatics; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, USEPA, October 1984.

Comments:

Analyst _____

Reviewed by _____

CHAIN OF CUSTODY RECORD

Inter- Mountain Laboratories, Inc.

Client/Project Name	Project Location	ANALYSES / PARAMETERS
CONOCO / DISPOSAL	INJECTION PUMP	
Sampler: (Signature)	**Chain of Custody Tape No.**	

Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	Disposal Plant List	Remarks
Injection Pump	6-11-98	~~1620~~ 1530		H2O	3		cool - ice, intact, hand delivered

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6-11-98	1620			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by laboratory: (Signature)	Date	Time
				6-11-98	1620