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MOFFETT FIELD
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CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION
NAS MOFFETT FIELD, CALIFORNIA

VOLUME 4 APPENDIX D

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GB-9	
GB-10	
GB-11	
GB-12	
SITE 10	Site 10
GB-27	
GB-30	
SITE 11	Site 11
SITE 12	Site 12
SITE 13	Site 13
SITE 14	Site 14
GB-28	
SITE 15	Site 15
SITE 16	Site 16
SITE 17	Site 17
SITE 18	Site 18
SITE 19	Site 19
GB-29	

VOLUME 4, APPENDIX D

ANALYTICAL DATA SUMMARIES - WATERS

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 1

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number==========> ALHAMBRA-BOTTLE
Sample Number==========> MOF-661
Sample Type==========> SOURC
Sample Date==========> 05/05/89

Compounds	Quantitation limits	units		
Methylene chloride	5	ug/L	B	5
Bicarbonate	1	mg/L		1

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number			W01-05(A1)	W01-05(A1)	W01-05(A1)
Sample Number			MOF-817	MOF-7	MOF-140
Sample Type			TRIP	FIELD	DUP
Sample Date			08/08/89	08/10/88	10/10/88
Compounds	Quantitation limits	units			
Acetone	10	ug/L	32	B 14	ND< 10
Methylene chloride	5	ug/L	B 19	B 7	ND< 5
Toluene	5	ug/L	ND< 5	B 1	ND< 5
Bicarbonate	1	mg/L	NA	ND< 1	2000
Chloride	.1	mg/L	NA	0.18	25000
Sulfate	.2	mg/L	NA	ND< 0.2	760
TDS	10	mg/L	NA	ND< 10	> 20000

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W01-05(A1) MOF-8 08/10/88	W01-05(A1) MOF-47 SPLIT 09/14/88	W01-05(A1) MOF-816 08/08/89	W01-05(A1) MOF-139 10/10/88	W01-05(A1) MOF-473 02/06/89	W01-05(A1) MOF-658 05/10/89
Acetone	10	ug/L	B 13	ND< 10	J 6	19	BJ 5	10
Methylene chloride	5	ug/L	B 7	B 13	B 10	BJ 1	B 7	BJ 2
Toluene	5	ug/L	BJ 2	ND< 5	ND< 5	BJ 1	ND< 5	ND< 5
2-Chlorophenol	10	ug/L	36	ND< 10	ND< 10	NA	NA	NA
4-Chloro-3-methylphenol	10	ug/L	22	ND< 10	ND< 10	NA	NA	NA
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 4	BJ 4	ND< 10	NA	NA	NA
Di-n-butylphthalate	10	ug/L	ND< 10	ND< 10	BJ 2	NA	NA	NA
Pentachlorophenol	50	ug/L	J 24	ND< 50	ND< 50	NA	NA	NA
Phenol	10	ug/L	33	ND< 10	ND< 10	NA	NA	NA
Bicarbonate	1	mg/L	2100	ND< 1	NA	2000	1800	NA
Carbonate	1	mg/L	ND< 1	2000	NA	NA	NA	NA
Chloride	.1	mg/L	22000	94000	NA	23000	20800	NA
Fluoride	.1	mg/L	57	ND< 40	NA	NA	NA	NA
Sulfate	.2	mg/L	640	6.9	NA	700	660	NA
TDS	10	mg/L	> 20000	> 20000	NA	> 20000	> 20000	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number			W01-06(A1)	W01-06(A1)	W01-06(A1)	W01-06(A1)	W01-06(A1)	W01-06(A1)
Sample Number			MOF-23	MOF-24	MOF-25	MOF-49	MOF-146	MOF-474
Sample Type				SPLIT	DUP			
Sample Date			08/18/88	08/18/88	08/18/88	09/14/88	10/10/88	02/06/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 3	NA	BJ 4	ND< 10	ND< 10	BJ 5
Carbon disulfide	5	ug/L	NA	NA	ND< 5	ND< 5	ND< 5	42
Methylene chloride	5	ug/L	BJ 3	NA	BJ 3	B 11	ND< 5	B 5
Toluene	5	ug/L	NA	NA	ND< 5	ND< 5	B 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	NA	J 3	BJ 2	ND< 10	J 3
Bicarbonate	1	mg/L	1200	NA	1200	820	810	870
Chloride	.1	mg/L	24000	NA	22000	30000	28000	25400
Fluoride	.1	mg/L	65	NA	63	ND< 80	ND< 80	ND< 80
Sulfate	.2	mg/L	2300	NA	2400	3100	3100	2770
TDS	10	mg/L	> 20000	NA	> 20000	> 20000	> 20000	> 20000

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number==========>			W01-06(A1)	W01-06(A1)
Sample Number==========>			MOF-818	MOF-649
Sample Type==========>				
Sample Date==========>			08/08/89	05/09/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	J 8	ND< 10
Carbon disulfide	5	ug/L	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 5	ND< 5
Toluene	5	ug/L	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10
Bicarbonate	1	mg/L	NA	NA
Chloride	.1	mg/L	NA	NA
Fluoride	.1	mg/L	NA	NA
Sulfate	.2	mg/L	NA	NA
TDS	10	mg/L	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)
Sample Number==========>			MOF-469	MOF-468	MOF-821	MOF-22	MOF-150	MOF-145
Sample Type==========>			TRIP				TRIP	SPLIT
Sample Date==========>			02/07/89	02/07/89	08/09/89	08/17/88	10/11/88	10/11/88
1,1,1-Trichloroethane	5	ug/L	J 1	ND< 5	ND< 5	NA	NA	ND< 5
Acetone	10	ug/L	BJ 3	BJ 3	ND< 10	NA	NA	ND< 10
Methylene chloride	5	ug/L	B 6	B 5	BJ 4	NA	NA	ND< 5
Bicarbonate	1	mg/L	NA	690	NA	NA	NA	660
Chloride	.1	mg/L	NA	26000	NA	NA	NA	38000
Sulfate	.2	mg/L	NA	3460	NA	NA	NA	3900
TDS	10	mg/L	NA	> 20000	NA	NA	NA	> 20000

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number			W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)
Sample Number			MOF-54	MOF-55	MOF-149	MOF-663	MOF-664	MOF-822
Sample Type					TRIP		TRIP	TRIP
Sample Date			09/15/88	09/15/88	10/11/88	05/11/89	05/11/89	08/09/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	ND< 10	ND< 10	12	10	26
Methylene chloride	5	ug/L	ND< 5	B 5	B 7	BJ 4	B 8	B 13
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	BJ 8	NA	ND< 10	NA	NA
N-nitrosodiphenylamine	10	ug/L	J 2	ND< 10	NA	NA	NA	NA
Bicarbonate	1	mg/L	690	680	NA	NA	NA	NA
Chloride	.1	mg/L	27000	30000	NA	NA	NA	NA
Sulfate	.2	mg/L	3600	4300	NA	NA	NA	NA
TDS	10	mg/L	> 20000	> 20000	NA	NA	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W01-08(A1)	W01-08(A1)	W01-08(A1)	W01-08(A1)	W01-08(A1)	W01-08(A1)
Sample Number=====>			MOF-9	MOF-52	MOF-142	MOF-465	MOF-650	MOF-815
Sample Type=====>								
Sample Date=====>			08/11/88	09/15/88	10/10/88	02/06/89	05/10/89	08/08/89
Acetone	10	ug/L	BJ 3	ND< 10	ND< 10	BJ 6	10	ND< 10
Carbon disulfide	5	ug/L	ND< 5	ND< 5	ND< 5	6	ND< 5	ND< 5
Methylene chloride	5	ug/L	BJ 2	B 13	BJ 2	BJ 4	ND< 5	B 6
Benzoic acid	50	ug/L	ND< 50	J 6	ND< 50	ND< 50	ND< 50	ND< 50
Bicarbonate	1	mg/L	1500	1500	1400	1440	NA	NA
Chloride	.1	mg/L	23000	26000	21000	23400	NA	NA
Fluoride	.1	mg/L	70	ND< 80	ND< 40	ND< 80	NA	NA
Sulfate	.2	mg/L	1700	1400	1900	1400	NA	NA
TDS	10	mg/L	> 20000	> 20000	> 20000	> 20000	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number			W01-08(A1)	W01-08(A1)	W01-08(A1)
Sample Number			MOF-10	MOF-141	MOF-662
Sample Type			TRIP	TRIP	TRIP
Sample Date			08/11/88	10/10/88	05/10/89
Compounds	Quantitation limits	units			
Acetone	10	ug/L	B 17	ND< 10	14
Chloroform	5	ug/L	J 3	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 130	B 5	B 5

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W01-09(F) MOF-12 08/12/88	W01-09(F) MOF-11 EQUIP 08/12/88	W01-09(F) MOF-143 10/10/88	W01-09(F) MOF-400 TRIP 02/03/89	W01-09(F) MOF-647 05/07/89	W01-09(F) MOF-812 08/07/89
1,1,1-Trichloroethane	5	ug/L	ND< 50	ND< 5	ND< 5	J 1	ND< 25	ND< 130
2-Butanone	10	ug/L	1000	ND< 10	ND< 10	ND< 10	110	ND< 250
4-Methyl-2-pentanone	10	ug/L	220	ND< 10	ND< 10	ND< 10	ND< 50	J 96
Acetone	10	ug/L	B 1500	B 6	ND< 10	BJ 3	480	3200
Ethyl benzene	5	ug/L	J 18	ND< 5	ND< 5	ND< 5	26	ND< 130
Methylene chloride	5	ug/L	B 130	B 3	B 10	B 7	BJ 14	BJ 100
Toluene	5	ug/L	130	ND< 5	B 7	ND< 5	59	J 43
Total xylenes	5	ug/L	56	ND< 5	ND< 5	ND< 5	91	ND< 130
2,4 Dimethylphenol	10	ug/L	ND< 200	ND< 10	84	NA	ND< 160	ND< 200
4-Methylphenol	10	ug/L	1900	ND< 10	1600	NA	4000	3900
Benzoic acid	50	ug/L	1800	ND< 50	1600	NA	ND< 800	4400
Phenol	10	ug/L	BJ 28	ND< 10	ND< 60	NA	J 49	J 61
Bicarbonate	1	mg/L	2200	1.2	1500	NA	NA	NA
Chloride	.1	mg/L	32000	0.23	20000	NA	NA	NA
Fluoride	.1	mg/L	140	ND< 0.1	ND< 80	NA	NA	NA
Sulfate	.2	mg/L	26	ND< 0.2	ND< 3	NA	NA	NA
TDS	10	mg/L	> 20000	30	> 20000	NA	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number==========>			W01-09(F)	W01-09(F)	W01-09(F)	W01-09(F)
Sample Number==========>			MOF-471	MOF-53	MOF-648	MOF-813
Sample Type==========>					TRIP	TRIP
Sample Date==========>			02/03/89	09/15/89	05/07/89	08/07/89
Compounds	Quantitation limits	units				
2-Butanone	10	ug/L	ND< 50	120	ND< 10	ND< 10
4-Methyl-2-pentanone	10	ug/L	61	24	ND< 10	ND< 10
Acetone	10	ug/L	B 690	210	J 7	26
Ethyl benzene	5	ug/L	J 23	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 110	B 11	B 8	B 12
Toluene	5	ug/L	63	17	ND< 5	ND< 5
Total xylenes	5	ug/L	75	6	ND< 5	ND< 5
1,3 Dichlorobenzene	10	ug/L	ND< 200	J 19	NA	NA
2,4 Dimethylphenol	10	ug/L	ND< 200	240	NA	NA
2-Methylphenol	10	ug/L	ND< 200	J 21	NA	NA
4-Methylphenol	10	ug/L	4900	7900	NA	NA
Benzoic acid	50	ug/L	5000	11000	NA	NA
N-nitroso-dipropylamine	10	ug/L	ND< 200	54	NA	NA
N-nitrosodiphenylamine	10	ug/L	NA	J 19	NA	NA
Phenol	10	ug/L	ND< 200	98	NA	NA
Bicarbonate	1	mg/L	1870	2600	NA	NA
Chloride	.1	mg/L	28800	29000	NA	NA
Sulfate	.2	mg/L	90	ND< 6	NA	NA
TDS	10	mg/L	> 20000	> 20000	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units																						
Well Number==========>			W01-10(F)				W01-10(F)				W01-10(F)				W01-10(F)				W01-10(F)				W01-10(F)			
Sample Number==========>			MOF-13				MOF-144				MOF-475				MOF-671 (DISCARD)				MOF-660				MOF-820			
Sample Type==========>																										
Sample Date==========>			08/12/88				10/11/88				02/07/89				05/12/89				05/12/89				08/10/89			
2-Butanone	10	ug/L	B	49000			ND<	40			ND<	10			NA				ND<	10			ND<	10		
4-Methyl-2-pentanone	10	ug/L		8300				760			ND<	10			NA				ND<	10			ND<	10		
Acetone	10	ug/L	B	2700			ND<	40			BJ	4			NA				B	13			B	36		
Benzene	5	ug/L	ND<	1300			ND<	20			J	2			NA				J	3				5		
Chlorobenzene	5	ug/L	ND<	1300			ND<	20			ND<	5			NA				J	2			ND<	5		
Chloroethane	10	ug/L	ND<	2500			ND<	40			J	4			NA				J	7			ND<	10		
Ethyl benzene	5	ug/L	ND<	1300				73				42			NA					140				150		
Methylene chloride	5	ug/L	B	1300			B	40			B	8			NA				B	6			B	5		
Toluene	5	ug/L	J	660				320			J	2			NA				J	3			J	4		
Total xylenes	5	ug/L	ND<	1300				230				34			NA					170				350		
1,4 Dichlorobenzene	10	ug/L	ND<	10			ND<	10				14			NA					15				33		
2,4 Dimethylphenol	10	ug/L	ND<	10			ND<	10			ND<	10			NA					35			ND<	10		
2-Methylnaphthalene	10	ug/L	ND<	10			ND<	10			ND<	10			NA				J	3			ND<	10		
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND<	10			ND<	10			ND<	10			NA				ND<	10			J	4		
Naphthalene	10	ug/L	ND<	10			ND<	10			J	6			NA				J	7				13		
AROCLOR-1242	.5	ug/L	ND<	.5			ND<	0.50			ND<	0.50			NA				ND<	1				1.40		
AROCLOR-1260	1	ug/L	ND<	1			ND<	1.00			ND<	1.00			NA				ND<	2			J	0.50		
Bicarbonate	1	mg/L	NA					1900				1870			NA				NA				NA			
Chloride	.1	mg/L		4900				6500				3960			NA				NA				NA			
Fluoride	.1	mg/L		38			ND<	20			ND<	15			NA				NA				NA			
Nitrate	.1	mg/L		4			ND<	1			ND<	0.5			NA				NA				NA			
Sulfate	.2	mg/L		61				83				98			NA				NA				NA			
TDS	10	mg/L		10800				10000				9090			NA				NA				NA			

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number==========> W01-10(F)
Sample Number==========> MOF-48
Sample Type==========>
Sample Date==========> 09/15/88

Compounds	Quantitation limits	units		
2-Butanone	10	ug/L		290
Methylene chloride	5	ug/L	B	22
Toluene	5	ug/L		38
Total xylenes	5	ug/L		9
2,4 Dimethylphenol	10	ug/L		64
2-Methylphenol	10	ug/L	J	13
4-Methylphenol	10	ug/L		85
Benzoic acid	50	ug/L	J	20
Bis(2-Ethylhexyl)phthalate	10	ug/L	BJ	23
N-nitrosodiphenylamine	10	ug/L	J	16
Bicarbonate	1	mg/L		2100
Chloride	.1	mg/L		6800
Sulfate	.2	mg/L		68
TDS	10	mg/L		10000

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number			W01-11(F)	W01-11(F)	W01-11(F)	W01-11(F)	W01-11(F)	W01-11(F)
Sample Number			MOF-14	MOF-58	MOF-458	MOF-147	MOF-464	MOF-656
Sample Type							DUP	
Sample Date			08/12/88	09/16/88	02/03/89	10/11/88	02/03/89	05/09/89
Compounds	Quantitation limits	units						
1,1-Dichloroethylene	5	ug/L	ND< 25	ND< 5	J 13	ND< 12	J 15	NA
2-Butanone	10	ug/L	J 46	ND< 10	ND< 50	ND< 25	NA	NA
4-Methyl-2-pentanone	10	ug/L	84	16	74	47	85	NA
Acetone	10	ug/L	B 950	180	B 760	540	B 940	310
Benzene	5	ug/L	J 9	ND< 5	J 6	12	J 7	J 15
Chloroform	5	ug/L	NA	NA	NA	NA	NA	J 8
Ethyl benzene	5	ug/L	J 11	ND< 5	J 13	22	J 14	J 17
Methylene chloride	5	ug/L	B 47	B 22	B 99	B 28	B 77	B 28
Toluene	5	ug/L	340	67	440	370	510	180
Total xylenes	5	ug/L	47	ND< 5	54	100	58	100
1,4 Dichlorobenzene	10	ug/L	ND< 10	ND< 20	ND< 10	ND< 20	NA	NA
2,4 Dimethylphenol	10	ug/L	ND< 10	370	ND< 10	ND< 20	NA	13
2-Methylnaphthalene	10	ug/L	ND< 10	J 5	ND< 10	ND< 20	NA	NA
2-Methylphenol	10	ug/L	ND< 10	37	16	ND< 20	10	NA
4-Methylphenol	10	ug/L	23	2000	180	740	32	250
Di-n-butylphthalate	10	ug/L	ND< 10	ND< 20	ND< 10	ND< 20	NA	
Di-n-octyl phthalate	10	ug/L	NA	NA	NA	NA	NA	B 48
Diethylphthalate	10	ug/L	ND< 10	22	ND< 10	ND< 20	NA	NA
N-nitrosodiphenylamine	10	ug/L	25	ND< 20	NA	NA	NA	NA
Naphthalene	10	ug/L	ND< 10	J 14	14	ND< 20	17	NA
Phenol	10	ug/L	ND< 10	87	38	ND< 20	NA	NA
Bicarbonate	1	mg/L	NA	2200	1130	1700	1120	NA
Carbonate	1	mg/L	NA	ND< 1.0	ND< 1	ND< 1.0	NA	NA
Chloride	.1	mg/L	48000	53000	45300	42000	42600	NA
Fluoride	.1	mg/L	12	ND< 80	ND< 80	ND< 200	NA	NA
Nitrate	.1	mg/L	20	ND< 20	ND< 5	ND< 1	NA	NA
Sulfate	.2	mg/L	30	ND< 8	28	ND< 6	27	NA
TDS	10	mg/L	> 20000	> 20000	> 20000	> 20000	> 20000	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W01-11(F) MOF-657 DUP 05/09/89	W01-11(F) MOF-814 08/07/89
1,1-Dichloroethylene	5	ug/L	ND< 10	ND< 13
2-Butanone	10	ug/L	ND< 240	ND< 25
4-Methyl-2-pentanone	10	ug/L	ND< 20	J 19
Acetone	10	ug/L	E 520	470
Benzene	5	ug/L	J 4	J 7
Chloroform	5	ug/L	NA	NA
Ethyl benzene	5	ug/L	ND< 26	J 9
Methylene chloride	5	ug/L	BJ 6	B 20
Toluene	5	ug/L	57	200
Total xylenes	5	ug/L	110	50
1,4 Dichlorobenzene	10	ug/L	ND< 10	J 9
2,4 Dimethylphenol	10	ug/L	ND< 10	ND< 20
2-Methylnaphthalene	10	ug/L	ND< 10	ND< 20
2-Methylphenol	10	ug/L	ND< 12	J 16
4-Methylphenol	10	ug/L	ND< 230	460
Di-n-butylphthalate	10	ug/L	ND< 13	J 13
Di-n-octyl phthalate	10	ug/L	NA	NA
Diethylphthalate	10	ug/L	ND< 10	ND< 20
N-nitrosodiphenylamine	10	ug/L	NA	NA
Naphthalene	10	ug/L	ND< 10	J 16
Phenol	10	ug/L	ND< 10	J 17
Bicarbonate	1	mg/L	NA	NA
Carbonate	1	mg/L	NA	NA
Chloride	.1	mg/L	NA	NA
Fluoride	.1	mg/L	NA	NA
Nitrate	.1	mg/L	NA	NA
TDS	10	mg/L	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W01-12(A1) MOF-811 TRIP 08/04/89	W01-12(A1) MOF-306 11/15/88	W01-12(A1) MOF-151 10/12/88	W01-12(A1) MOF-60 09/19/88	W01-12(A1) MOF-59 TRIP 09/19/88	W01-12(A1) MOF-810 MSD MSD 08/04/89
2-Butanone	10	ug/L	ND< 10	BJ 2	ND< 10	ND< 10	ND< 10	NA
Acetone	10	ug/L	ND< 10	B 18	B 31	ND< 10	ND< 10	NA
Methylene chloride	5	ug/L	B 32	BJ 4	B 21	ND< 5	B 12	NA
Tetrachloroethene	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	ND< 5	NA
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	ND< 10	ND< 10	J 4	NA	NA
Bicarbonate	1	mg/L	NA	1200	1300	1300	NA	NA
Chloride	.1	mg/L	NA	37000	24000	25000	NA	NA
Sulfate	.2	mg/L	NA	2300	2400	2100	NA	NA
TDS	10	mg/L	NA	> 20000	> 20000	> 20000	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Well Number==========>			W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)
Sample Number==========>			MOF-482	MOF-483	MOF-484	MOF-810	MOF-659	MOF-810 MS
Sample Type==========>				DUP	TRIP			MS
Sample Date==========>			02/09/89	02/09/89	02/09/89	08/04/89	05/11/89	08/04/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 2	BJ 2	BJ 3	ND< 10	11	NA
Methylene chloride	5	ug/L	BJ 4	B 10	B 11	B 10	BJ 2	NA
Di-n-octyl phthalate	10	ug/L	23	ND< 10	NA	ND< 10	ND< 10	NA
Bicarbonate	1	mg/L	1280	1270	NA	NA	NA	NA
Chloride	.1	mg/L	26500	27200	NA	NA	NA	NA
Sulfate	.2	mg/L	2180	2240	NA	NA	NA	NA
TDS	10	mg/L	> 20000	> 20000	NA	NA	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W01-13(F) MOF-31	W01-13(F) MOF-56MS	W01-13(F) MOF-148	W01-13(F) MOF-307	W01-13(F) MOF-466 MS	W01-13(F) MOF-819
Well Number==========>			W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)
Sample Number==========>			MOF-31	MOF-56MS	MOF-148	MOF-307	MOF-466 MS	MOF-819
Sample Type==========>								
Sample Date==========>			08/19/88	09/16/88	10/11/88	11/16/88	02/06/89	08/09/89
1,2-Dichloroethenes(Total)	5	ug/L	J 2	NA	ND< 5	ND< 5	J 1	ND< 5
Acetone	10	ug/L	B 12	NA	ND< 10	BJ 7	BJ 8	J 7
Benzene	5	ug/L	J 3	NA	ND< 5	J 2	J 1	J 1
Ethyl benzene	5	ug/L	8	NA	ND< 5	J 3	5	J 1
Methylene chloride	5	ug/L	B 6	NA	B 10	BJ 2	6	B 6
Toluene	5	ug/L	J 2	NA	ND< 5	ND< 5	ND< 5	ND< 5
Total xylenes	5	ug/L	10	NA	ND< 5	ND< 5	J 4	ND< 5
1,4 Dichlorobenzene	10	ug/L	12	NA	ND< 10	J 7	29	17
Bis(2-Ethylhexyl)phthalate	10	ug/L	31	NA	ND< 10	ND< 10	18	ND< 10
Butyl benzyl phthalate	10	ug/L	ND< 10	NA	ND< 10	ND< 10	20	ND< 10
Diethylphthalate	10	ug/L	ND< 10	NA	ND< 10	ND< 10	10	ND< 10
Naphthalene	10	ug/L	ND< 10	NA	ND< 10	J 1	J 5	ND< 10
Bicarbonate	1	mg/L	2500	NA	2500	2100	2420	NA
Chloride	.1	mg/L	7600	NA	13000	14000	8400	NA
Fluoride	.1	mg/L	27	NA	ND< 30	ND< 4	ND< 20	NA
Sulfate	.2	mg/L	160	NA	260	780	110	NA
TDS	10	mg/L	16020	NA	18300	> 20000	15700	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W01-13(F) MOF-467 TRIP 02/06/89	W01-13(F) MOF-56MSD MSD 09/16/88	W01-13(F) MOF-56 09/16/88	W01-13(F) MOF-666 DUP 05/12/89	W01-13(F) MOF-31MSD MSD 08/19/88	W01-13(F) MOF-32 DUP 08/19/88
1,1,1-Trichloroethane	5	ug/L	J 2	NA	ND< 5	ND< 5	NA	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	NA	ND< 5	J 1	NA	ND< 5
Acetone	10	ug/L	BJ 7	NA	14	B 10	NA	B 16
Benzene	5	ug/L	ND< 5	NA	ND< 5	J 2	NA	J 3
Carbon disulfide	5	ug/L	5	NA	ND< 5	ND< 5	NA	ND< 5
Ethyl benzene	5	ug/L	ND< 5	NA	6	5	NA	9
Methylene chloride	5	ug/L	B 7	NA	B 22	B 6	NA	B 3
Toluene	5	ug/L	ND< 5	NA	ND< 5	ND< 5	NA	J 2
Total xylenes	5	ug/L	ND< 5	NA	ND< 5	J 3	NA	11
1,4 Dichlorobenzene	10	ug/L	NA	NA	J 21	19	NA	35
Benzoic acid	50	ug/L	NA	NA	J 37	ND< 50	NA	ND< 50
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	NA	ND< 40	ND< 10	NA	19
N-nitrosodiphenylamine	10	ug/L	NA	NA	J 14	NA	NA	ND< 10
Bicarbonate	1	mg/L	NA	NA	2400	NA	NA	2500
Chloride	.1	mg/L	NA	NA	15000	NA	NA	7500
Fluoride	.1	mg/L	NA	NA	ND< 40	NA	NA	160
Sulfate	.2	mg/L	NA	NA	620	NA	NA	160
TDS	10	mg/L	NA	NA	> 20000	NA	NA	16580

Summary of Detected Chemicals
Site 1 Water Samples by Well (Organics)

Compounds	Quantitation limits	units			
Well Number==========>			W01-13(F)	W01-13(F)	W01-13(F)
Sample Number==========>			MOF-31MS	MOF-665	MOF-57
Sample Type==========>			MS		EQUIP
Sample Date==========>			08/19/88	05/12/89	09/16/88
Acetone	10	ug/L	NA	16	ND< 10
Benzene	5	ug/L	NA	J 2	ND< 5
Ethyl benzene	5	ug/L	NA	J 3	ND< 5
Methylene chloride	5	ug/L	NA	BJ 2	B 32
1,4 Dichlorobenzene	10	ug/L	NA	18	ND< 10
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	ND< 10	B 2
Di-n-butylphthalate	10	ug/L	NA	ND< 10	B 2

Summary of Detected Chemicals
Site 1 Surface Water Samples (Organics)

Well Number==========>			W01JAGEL	Salt Flat N.	W01JAGEL	W01JAGEL	W01JAGEL	W01JAGEL
Sample Number==========>			MOF-461	MOF-485	MOF-19	MOF-15	MOF-461MSD	MOF-461MS
Sample Type==========>					TRIP		MSD	MS
Sample Date==========>			01/26/89	02/09/89	08/16/88	08/16/88	01/26/89	01/26/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	10	B 10	BJ 7	B 4	NA	NA
Methylene chloride	10	ug/L	BJ 2	NA	B 59	B 6	NA	NA
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 6	NA	NA	J 3	NA	NA
Bicarbonate	10	mg/L	82	39	NA	NA	NA	NA
Carbon disulfide	10	ug/L	NA	BJ 6	NA	NA	NA	NA
Carbonate	10	mg/L	58	65	NA	NA	NA	NA
Chloride	10	mg/L	16000	26100	NA	21000	NA	NA
Fluoride	10	mg/L	ND< 80	NA	NA	59	NA	NA
Sulfate	10	mg/L	2500	6440	NA	3000	NA	NA
TDS	10	mg/L	> 20000	> 20000	NA	> 20000	NA	NA

Inorganic Data

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number==========> ALHAMBRA-BOTTLE
Sample Number==========> MOF-661
Sample Type==========> SOURC
Sample Date==========> 05/05/89

Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J	108
Arsenic	10	ug/L	J	3.0
Barium	200	ug/L	J	12.4
Cadmium	5	ug/L	J	4.2
Calcium	5000	ug/L	J	52.0
Iron	100	ug/L	J	15.3
Lead	5	ug/L	J	1.4
Magnesium	5000	ug/L	J	101
Manganese	15	ug/L	J	2.9
Potassium	5000	ug/L	J	3810
Sodium	5000	ug/L	J	272
Vanadium	50	ug/L	J	16.8

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number==========>			W01-05(A1)	W01-05(A1)	W01-05(A1)	W01-05(A1)	W01-05(A1)	W01-05(A1)
Sample Number==========>			MOF-817	MOF-7	MOF-140	MOF-139	MOF-658	MOF-473
Sample Type==========>			TRIP	FIELD	DUP			
Sample Date==========>			08/08/89	08/10/88	10/10/88	10/10/88	05/10/89	02/06/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	J 32.1	J 422	J 235	3000	J 677
Antimony	60	ug/L	NA	ND< 24	ND< 600	ND< 600	J 567	870
Barium	200	ug/L	NA	ND< 7	J 561	J 498	J 988	J 353
Beryllium	5	ug/L	NA	ND< .6	J 9.1	ND< 6.0	ND< 17.0	ND< 5.0
Calcium	5000	ug/L	NA	ND< 19	373000	368000	360000	357000
Cobalt	50	ug/L	NA	ND< 5	ND< 50.0	ND< 50.0	ND< 68.0	J 80.2
Iron	100	ug/L	NA	ND< 6	1870	J 436	2610	1580
Lead	5	ug/L	NA	ND< 3	ND< 30.0	ND< 30.0	110	ND< 14.0
Magnesium	5000	ug/L	NA	J 123	1460000	1450000	1300000	1370000
Manganese	15	ug/L	NA	ND< 1	1920	1890	1890	2010
Mercury	.2	ug/L	NA	.2	ND< 0.2	ND< 0.2	ND< 0.10	ND< 0.1
Potassium	5000	ug/L	NA	J 1210	293000	287000	362000	298000
Silver	10	ug/L	NA	J 5.5	J 63.3	J 36.2	ND< 30.0	ND< 32.0
Sodium	5000	ug/L	NA	ND< 32	11800000	11700000	8860000	9900000
Vanadium	50	ug/L	NA	ND< 4	ND< 40.0	ND< 40.0	537	J 119
Zinc	20	ug/L	NA	J 5	J 30.5	J 26.0	338	ND< 30.0

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number			W01-05(A1)	W01-05(A1)	W01-05(A1)
Sample Number			MOF-47	MOF-8	MOF-816
Sample Type			SPLIT		
Sample Date			09/14/88	08/10/88	08/08/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	J 34.7	ND< 100	J 828
Antimony	60	ug/L	155	676	J 518
Barium	200	ug/L	J 44.9	271	J 598
Cadmium	5	ug/L	ND< 5	43	ND< 60.0
Calcium	5000	ug/L	37200	322000	454000
Chromium	10	ug/L	ND< 5	173	ND< 82.0
Cobalt	50	ug/L	ND< 5	62.1	ND< 54.0
Copper	25	ug/L	ND< 4	26.5	J 146
Iron	100	ug/L	208	1750	J 604
Lead	5	ug/L	ND< 30	ND< 15	J 11.0
Magnesium	5000	ug/L	149000	1600000	1580000
Manganese	15	ug/L	190	1430	2380
Mercury	.2	ug/L	ND< .2	ND< .2	0.39
Nickel	40	ug/L	ND< 8	117	ND< 136
Potassium	5000	ug/L	32400	328000	390000
Selenium	5	ug/L	ND< 200	5.9	ND< 10
Silver	10	ug/L	J 5.2	25.9	J 108
Sodium	5000	ug/L	1280000	11600000	14300000
Vanadium	50	ug/L	ND< 4	88.9	J 218
Zinc	20	ug/L	J 12.1	26	ND< 28.0

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number			W01-06(A1)	W01-06(A1)	W01-06(A1)	W01-06(A1)	W01-06(A1)	W01-06(A1)
Sample Number			MOF-818	MOF-146	MOF-474	MOF-649	MOF-49	MOF-25
Sample Type								DUP
Sample Date			08/08/89	10/10/88	02/06/89	05/09/89	09/14/88	08/18/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 2020	J 607	760	2680	1200	J 58.5
Antimony	60	ug/L	J 450	ND< 600	930	J 552	1060	559
Arsenic	10	ug/L	ND< 21.0	ND< 70.0	J 2.7	J 1.4	ND< 25	ND< 25
Barium	200	ug/L	J 466	J 340	J 103	J 702	196	J 126
Beryllium	5	ug/L	ND< 12.0	J 7.0	ND< 5.0	ND< 17.0	1.2	ND< .6
Cadmium	5	ug/L	ND< 60.0	ND< 50.0	ND< 37.0	ND< 39.6	10	ND< 5
Calcium	5000	ug/L	704000	611000	600000	633000	511000	434000
Chromium	10	ug/L	ND< 82.0	ND< 50.0	ND< 31.0	ND< 37.0	10	ND< 5
Cobalt	50	ug/L	ND< 54.0	ND< 50.0	J 79.7	ND< 68.0	J 19.6	J 11
Copper	25	ug/L	J 198	J 65.1	J 33.3	ND< 38.0	ND< 8.0	J 5.6
Iron	100	ug/L	3840	J 305	2280	1110	357	3490
Lead	5	ug/L	J 11.0	ND< 30.0	ND< 14.0	ND< 23.0	J 139	ND< 30
Magnesium	5000	ug/L	1780000	1720000	1640000	1590000	1430000	1360000
Manganese	15	ug/L	6940	8260	6340	7950	7060	2150
Mercury	.2	ug/L	J 0.081	ND< 0.2	ND< 0.1	ND< 0.10	ND< 0.2	ND< .2
Potassium	5000	ug/L	560000	401000	441000	449000	449000	372000
Silver	10	ug/L	J 94.0	J 81.6	J 71.3	ND< 30.0	163	ND< 3
Sodium	5000	ug/L	16400000	14200000	12200000	11100000	11000000	13000000
Thallium	10	ug/L	ND< 7.0	ND< 20.0	ND< 10.0	J 48.0	ND< 50	ND< 20
Vanadium	50	ug/L	J 418	ND< 40.0	J 94.7	J 490	43	J 520
Zinc	20	ug/L	J 36.0	J 33.1	ND< 30.0	ND< 59.0	ND< 4	J 6.6

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number==========>				W01-06(A1)	W01-06(A1)
Sample Number==========>				MOF-23	MOF-24
Sample Type==========>					SPLIT
Sample Date==========>				08/18/88	08/18/88
Compounds	Quantitation limits	units			
Antimony	60	ug/L		1670	NA
Barium	200	ug/L	J	311	NA
Calcium	5000	ug/L		570000	NA
Cobalt	50	ug/L	J	10.9	NA
Iron	100	ug/L		4800	NA
Magnesium	5000	ug/L		1820000	NA
Manganese	15	ug/L		2700	NA
Nickel	40	ug/L	J	9.2	NA
Potassium	5000	ug/L		448000	NA
Sodium	5000	ug/L		12000000	NA
Zinc	20	ug/L	J	9.6	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number=>			W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)	W01-07(A2)
Sample Number=>			MOF-821	MOF-469	MOF-468	MOF-22	MOF-150	MOF-145
Sample Type=>				TRIP			TRIP	SPLIT
Sample Date=>			08/09/89	02/07/89	02/07/89	08/17/88	10/11/88	10/11/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 1640	NA	ND< 1300	NA	NA	400
Antimony	60	ug/L	ND< 360	NA	J 3250	NA	NA	1860
Arsenic	10	ug/L	J 4.4	NA	ND< 21.0	NA	NA	ND< 35.0
Barium	200	ug/L	J 300	NA	ND< 490	NA	NA	J 340
Beryllium	5	ug/L	ND< 12.0	NA	ND< 50.0	NA	NA	8.8
Calcium	5000	ug/L	648000	NA	615000	NA	NA	619000
Cobalt	50	ug/L	ND< 54.0	NA	ND< 650	NA	NA	60.2
Copper	25	ug/L	ND< 54.0	NA	J 916	NA	NA	ND< 40.0
Iron	100	ug/L	4820	NA	J 4370	NA	NA	3580
Magnesium	5000	ug/L	1960000	NA	1830000	NA	NA	1800000
Manganese	15	ug/L	7880	NA	6910	NA	NA	7150
Mercury	.2	ug/L	ND< 0.050	NA	0.4	NA	NA	ND< 0.2
Potassium	5000	ug/L	432000	NA	J 367000	NA	NA	313000
Selenium	5	ug/L	J 35.0	NA	ND< 25.0	NA	NA	ND< 30.0
Silver	10	ug/L	ND< 62.0	NA	ND< 320	NA	NA	J 59.1
Sodium	5000	ug/L	13600000	NA	12900000	NA	NA	15400000
Vanadium	50	ug/L	J 262	NA	J 539	NA	NA	ND< 40.0

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W01-07(A2) MOF-149 TRIP 10/11/88	W01-07(A2) MOF-822 TRIP 08/09/89	W01-07(A2) MOF-54 09/15/88	W01-07(A2) MOF-55 DUP 09/15/88	W01-07(A2) MOF-663 05/11/89	W01-07(A2) MOF-664 TRIP 05/11/89
Aluminum	200	ug/L	NA	NA	J 25	J 25.3	2600	NA
Antimony	60	ug/L	NA	NA	88.9	86.9	ND< 370	NA
Barium	200	ug/L	NA	NA	J 16.9	J 16.8	J 847	NA
Calcium	5000	ug/L	NA	NA	31400	32500	599000	NA
Iron	100	ug/L	NA	NA	181	197	4990	NA
Magnesium	5000	ug/L	NA	NA	93600	97000	1620000	NA
Manganese	15	ug/L	NA	NA	363	377	7220	NA
Potassium	5000	ug/L	NA	NA	17400	18100	374000	NA
Selenium	5	ug/L	NA	NA	ND< 300	ND< 300	62.0	NA
Silver	10	ug/L	NA	NA	J 5.6	J 4.8	ND< 30.0	NA
Sodium	5000	ug/L	NA	NA	811000	842000	11000000	NA
Vanadium	50	ug/L	NA	NA	ND< 4	ND< 4	J 482	NA
Zinc	20	ug/L	NA	NA	J 4.9	J 4.3	365	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units																						
Well Number=====>			W01-08(A1)				W01-08(A1)				W01-08(A1)				W01-08(A1)				W01-08(A1)				W01-08(A1)	
Sample Number=====>			MOF-9				MOF-815				MOF-465				MOF-650				MOF-52				MOF-142	
Sample Type=====>																								
Sample Date=====>			08/11/88				08/08/89				02/06/89				05/10/89				09/15/88				10/10/88	
Aluminum	200	ug/L		J	639			J	504			J	947				3560			ND<	100			J	566
Antimony	60	ug/L		J	480			J	694				1060			ND<	370				554			ND<	600
Arsenic	10	ug/L		J	6			ND<	21.0			ND<	21.0			ND<	30.0			ND<	25			ND<	70.0
Barium	200	ug/L		J	111			J	396			J	251			J	857			J	64.9			J	355
Beryllium	5	ug/L		ND<	6.0			ND<	12.0			ND<	5.0			ND<	17.0				5.1			ND<	6.0
Cadmium	5	ug/L		ND<	50			ND<	60.0			ND<	37.0			ND<	40.0				42			ND<	50.0
Calcium	5000	ug/L			430000				490000				408000				413000				370000				413000
Chromium	10	ug/L		ND<	50			ND<	82.0			ND<	31.0			ND<	37.0				157			ND<	50.0
Cobalt	50	ug/L		ND<	50			ND<	54.0			ND<	65.0			ND<	68.0				69.6			ND<	50.0
Copper	25	ug/L		ND<	40			J	190			J	40.8			ND<	38.0				30.6			ND<	40.0
Iron	100	ug/L			2670				3140				1810				2960				2070				340000
Lead	5	ug/L		ND<	15			J	10			ND<	14.0				112			ND<	50			ND<	30.0
Magnesium	5000	ug/L			1570000				1540000				1420000				1320000				1590000				1470000
Manganese	15	ug/L			1570				1940				1800				1670				1420				1800
Mercury	.2	ug/L		ND<	.2			J	0.11				0.2			J	0.14				.4			ND<	0.2
Nickel	40	ug/L		ND<	80			ND<	136			ND<	86.0			ND<	132				121			ND<	80.0
Potassium	5000	ug/L			340000				430000				364000				424000				378000				340000
Silver	10	ug/L		J	64.6			ND<	62.0			J	68.1			J	84.0				29.2			J	72.4
Sodium	5000	ug/L			11700000				15000000				10900000				9560000				12100000				12700000
Thallium	10	ug/L		ND<	20			ND<	7.0			ND<	10.0			ND<	15.0				90			ND<	20.0
Vanadium	50	ug/L		J	138			J	196			J	136				615				90.4			ND<	40.0
Zinc	20	ug/L		J	32.7			ND<	28			ND<	30.0				325				27.1			J	25.8

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number			W01-09(F)	W01-09(F)	W01-09(F)	W01-09(F)	W01-09(F)	W01-09(F)
Sample Number			MOF-812	MOF-647	MOF-400	MOF-12	MOF-11	MOF-143
Sample Type					TRIP		EQUIP	
Sample Date			08/07/89	05/09/89	02/03/89	08/12/88	08/12/88	10/10/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 1690	J 1300	NA	136	62.9	J 161
Antimony	60	ug/L	J 510	J 378	NA	593	ND< 11.4	ND< 600
Arsenic	10	ug/L	J 40.0	34.1	NA	11	ND< 5	ND< 70.0
Barium	200	ug/L	6580	5860	NA	4480	J 47.1	5830
Beryllium	5	ug/L	ND< 1.2	ND< 17.0	NA	ND< .6	ND< .6	J 15.5
Calcium	5000	ug/L	505000	519000	NA	535000	J 232	538000
Chromium	10	ug/L	ND< 82.0	ND< 37.0	NA	10.5	ND< 5	ND< 50.0
Cobalt	50	ug/L	J 97.8	ND< 68.0	NA	J 6.1	ND< 5	ND< 50.0
Copper	25	ug/L	J 129	ND< 38.0	NA	ND< 4	ND< 4	ND< 40.0
Iron	100	ug/L	54800	8950	NA	27500	J 15.2	63300
Lead	5	ug/L	J 18.0	ND< 23.0	NA	ND< 50	ND< 5	ND< 30.0
Magnesium	5000	ug/L	1550000	1590000	NA	1460000	J 548	1320000
Manganese	15	ug/L	594	521	NA	629	J 1.2	739
Nickel	40	ug/L	ND< 136	ND< 132	NA	J 23.0	ND< 8	928
Potassium	5000	ug/L	357000	333000	NA	284000	J 1095	234000
Silver	10	ug/L	J 143	ND< 30.0	NA	ND< 3	J 8.2	ND< 30.0
Sodium	5000	ug/L	10600000	10900000	NA	12300000	J 795	9850000
Thallium	10	ug/L	ND< 7.0	J 31.0	NA	130	ND< 5	ND< 20.0
Vanadium	50	ug/L	J 364	J 459	NA	ND< 4	J 7.3	ND< 40.0
Zinc	20	ug/L	J 48.0	ND< 59.0	NA	186	20.8	J 24.5

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number==========>			W01-09(F)	W01-09(F)	W01-09(F)	W01-09(F)
Sample Number==========>			MOF-648	MOF-813	MOF-471	MOF-53
Sample Type==========>			TRIP	TRIP		
Sample Date==========>			05/09/89	08/07/89	02/03/89	09/15/88
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	NA	NA	J 5560	J 11.9
Antimony	60	ug/L	NA	NA	ND< 6000	84.2
Arsenic	10	ug/L	NA	NA	J 43.0	ND< 50
Barium	200	ug/L	NA	NA	J 6320	317
Calcium	5000	ug/L	NA	NA	570000	28000
Iron	100	ug/L	NA	NA	22900	584
Magnesium	5000	ug/L	NA	NA	1750000	91800
Manganese	15	ug/L	NA	NA	1240	35.6
Mercury	.2	ug/L	NA	NA	J 0.1	ND< .2
Potassium	5000	ug/L	NA	NA	499000	17800
Silver	10	ug/L	NA	NA	J 928	ND< 3
Sodium	5000	ug/L	NA	NA	11900000	751000
Vanadium	50	ug/L	NA	NA	J 961	ND< 4
Zinc	20	ug/L	NA	NA	J 533	J 11.5

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W01-10(F) MOF-820	W01-10(F) MOF-660	W01-10(F) MOF-13	W01-10(F) MOF-475	W01-10(F) MOF-144	W01-10(F) MOF-671 (DISCAR
Well Number==========>			W01-10(F)	W01-10(F)	W01-10(F)	W01-10(F)	W01-10(F)	W01-10(F)
Sample Number==========>			MOF-820	MOF-660	MOF-13	MOF-475	MOF-144	MOF-671 (DISCAR
Sample Type==========>								
Sample Date==========>			08/10/89	05/12/89	08/12/88	02/07/89	10/11/88	05/12/88
Aluminum	200	ug/L	ND< 180	J 602	J 625	ND< 130	ND< 50.0	NA
Antimony	60	ug/L	ND< 180	J 592	351	J 240	J 566	NA
Arsenic	10	ug/L	23.3	J 25.0	29.2	J 9.4	13.2	NA
Barium	200	ug/L	J 1540	J 1880	J 1060	J 814	J 711	NA
Beryllium	5	ug/L	J 3.1	ND< 17.0	ND< .6	ND< 5.0	ND< 6.0	NA
Cadmium	5	ug/L	ND< 30.0	J 48.0	ND< 5	ND< 37	ND< 50.0	NA
Calcium	5000	ug/L	279000	318000	346000	339000	377000	NA
Chromium	10	ug/L	ND< 41.0	J 61.0	10.3	ND< 31.0	ND< 50.0	NA
Cobalt	50	ug/L	J 27.0	ND< 68.0	J 17.6	ND< 65.0	ND< 50.0	NA
Copper	25	ug/L	J 106	ND< 38.0	ND< 4	ND< 31.0	ND< 40.0	NA
Iron	100	ug/L	41300	42900	8290	6130	16600	NA
Lead	5	ug/L	3.2	ND< 14.0	ND< 30	6.4	ND< 30.0	NA
Magnesium	5000	ug/L	363000	396000	488000	474000	531000	NA
Manganese	15	ug/L	987	1830	3600	2380	3200	NA
Nickel	40	ug/L	ND< 68.0	J 190	63.8	ND< 86.0	ND< 80.0	NA
Potassium	5000	ug/L	56900	67500	67600	J 45100	75400	NA
Sodium	5000	ug/L	1350000	1500000	2190000	1720000	2630000	NA
Vanadium	50	ug/L	J 49.0	J 130	ND< 4.0	ND< 29.0	ND< 40.0	NA
Zinc	20	ug/L	J 42.1	375	296	ND< 30.0	J 35.6	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number==========> W01-10(F)
Sample Number==========> MOF-48
Sample Type==========>
Sample Date==========> 09/15/88

Compounds	Quantitation limits	units		
Antimony	60	ug/L	J	25.9
Arsenic	10	ug/L	J	9
Barium	200	ug/L	J	66.1
Calcium	5000	ug/L		12000
Magnesium	5000	ug/L		27800
Manganese	15	ug/L	J	8.9
Potassium	5000	ug/L	J	4050
Sodium	5000	ug/L		153000
Zinc	20	ug/L	J	3.6

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number==========> W01-11(F)
Sample Number==========> MOF-464
Sample Type==========> DUP
Sample Date==========> 02/03/89

Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J	4620
Antimony	60	ug/L	J	2400
Barium	200	ug/L	J	4460
Calcium	5000	ug/L		224000
Copper	25	ug/L	J	495
Magnesium	5000	ug/L		1850000
Manganese	15	ug/L	J	1260
Potassium	5000	ug/L		969000
Silver	10	ug/L	J	706
Sodium	5000	ug/L		19800000
Vanadium	50	ug/L	J	856
Zinc	20	ug/L	J	333

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W01-11(F) MOF-814	W01-11(F) MOF-58	W01-11(F) MOF-14	W01-11(F) MOF-657 DUP	W01-11(F) MOF-147	W01-11(F) MOF-458
Sample Date			08/07/89	09/16/88	08/12/88	05/09/89	10/11/88	02/03/89
Aluminum	200	ug/L	J 2150	J 46.1	2110	J 1930	J 384	J 604
Antimony	60	ug/L	J 429	114	1490	ND< 370	1950	1560
Arsenic	10	ug/L	ND< 21.0	ND< 50	19	ND< 14.0	ND< 7.0	J 10.0
Barium	200	ug/L	5370	315	4200	ND< 4730	4790	4570
Beryllium	5	ug/L	J 7.8	ND< .6	ND< 5	ND< 17.0	ND< 6.0	ND< 5.0
Cadmium	5	ug/L	157	ND< 5	6.7	ND< 39.6	ND< 50.0	ND< 37
Calcium	5000	ug/L	216000	11600	240000	ND< 221000	205000	222000
Chromium	10	ug/L	ND< 82.0	ND< 5	20.9	ND< 37.0	ND< 50.0	ND< 31
Cobalt	50	ug/L	J 207	ND< 5	ND< 50.0	ND< 68.0	ND< 50.0	ND< 65
Copper	25	ug/L	J 204	ND< 4	ND< 40.0	ND< 38.0	ND< 40.0	ND< 31
Iron	100	ug/L	91900	J 8.3	108000	ND< 50300	68200	J 258
Lead	5	ug/L	J 21.0	ND< 50	91	ND< 23.0	ND< 30.0	ND< 14
Magnesium	5000	ug/L	1510000	124000	1460000	ND< 1420000	1790000	1720000
Manganese	15	ug/L	569	45.2	1770	ND< 488	675	496
Mercury	.2	ug/L	ND< 0.050	ND< .2	ND< 0.4	ND< 0.10	ND< 0.2	J 0.1
Potassium	5000	ug/L	802000	56400	500000	ND< 681000	783000	812000
Silver	10	ug/L	J 161	ND< 3	J 65.3	J 82.4	ND< 30.0	ND< 32
Sodium	5000	ug/L	16400000	1680000	16400000	ND< 14900000	23600000	19200000
Thallium	10	ug/L	J 3.0	140	ND< 30	J 52.0	ND< 20.0	ND< 10
Vanadium	50	ug/L	J 615	ND< 4	ND< 40.0	J 368	ND< 40.0	J 98.3
Zinc	20	ug/L	J 251	J 10.8	361	ND< 59.0	ND< 20.0	ND< 30

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number==========> W01-11(F)
Sample Number==========> MOF-656
Sample Type==========>
Sample Date==========> 05/09/89

Compounds	Quantitation limits	units		
Aluminum	200	ug/L		2140
Arsenic	10	ug/L	J	6.6
Barium	200	ug/L		4430
Calcium	5000	ug/L		223000
Iron	100	ug/L		24000
Magnesium	5000	ug/L		1390000
Manganese	15	ug/L		452
Potassium	5000	ug/L		673000
Sodium	5000	ug/L		14600000
Thallium	10	ug/L	J	45.0
Vanadium	50	ug/L	J	409

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number=====>			W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)
Sample Number=====>			MOF-811	MOF-306	MOF-151	MOF-60	MOF-59	MOF-810 MSD
Sample Type=====>			TRIP				TRIP	MSD
Sample Date=====>			08/04/89	11/15/88	10/12/88	09/19/88	09/19/88	08/04/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	1060	542	1840	NA	NA
Antimony	60	ug/L	NA	ND< 6000	ND< 600	1610	NA	NA
Arsenic	10	ug/L	NA	J 6.3	J 8.0	ND< 25	NA	NA
Barium	200	ug/L	NA	421	381	407	NA	NA
Cadmium	5	ug/L	NA	ND< 5.0	ND< 5.0	5.2	NA	NA
Calcium	5000	ug/L	NA	491000	455000	457000	NA	NA
Chromium	10	ug/L	NA	ND< 5.0	ND< 5.0	41.2	NA	NA
Cobalt	50	ug/L	NA	ND< 5.0	J 14.6	ND< 50	NA	NA
Copper	25	ug/L	NA	J 9.4	J 17.4	41.2	NA	NA
Iron	100	ug/L	NA	7080	7710	10200	NA	NA
Magnesium	5000	ug/L	NA	1710000	1530000	1510000	NA	NA
Manganese	15	ug/L	NA	4340	4350	4000	NA	NA
Nickel	40	ug/L	NA	53.6	52.3	44.7	NA	NA
Potassium	5000	ug/L	NA	363000	317000	361000	NA	NA
Silver	10	ug/L	NA	98.9	63.8	276	NA	NA
Sodium	5000	ug/L	NA	13700000	14400000	11000000	NA	NA
Thallium	10	ug/L	NA	ND< 50.0	17.0	90	NA	NA
Vanadium	50	ug/L	NA	72.5	ND< 4.0	J 152	NA	NA
Zinc	20	ug/L	NA	ND< 2.0	36.8	J 65.5	NA	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number=====>			W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)	W01-12(A1)
Sample Number=====>			MOF-482	MOF-483	MOF-484	MOF-810	MOF-659	MOF-810 MS
Sample Type=====>				DUP	TRIP			MS
Sample Date=====>			02/09/89	02/09/89	02/09/89	08/04/89	05/11/89	08/04/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 656	J 738	NA	J 1140	J 919	NA
Antimony	60	ug/L	1400	1630	NA	J 660	J 571	NA
Arsenic	10	ug/L	11.5	13.5	NA	J 22.0	J 6.3	NA
Barium	200	ug/L	J 198	J 211	NA	J 464	J 733	NA
Calcium	5000	ug/L	467000	456000	NA	516000	399000	NA
Copper	25	ug/L	ND< 31.0	ND< 31.0	NA	678	ND< 38.0	NA
Iron	100	ug/L	10300	9450	NA	7690	5480	NA
Lead	5	ug/L	ND< 14.0	ND< 14.0	NA	56.0	ND< 14.0	NA
Magnesium	5000	ug/L	1590000	1560000	NA	1570000	1380000	NA
Manganese	15	ug/L	4100	4150	NA	4420	4250	NA
Mercury	.2	ug/L	ND< 0.1	ND< 0.1	NA	J 0.061	ND< 0.10	NA
Potassium	5000	ug/L	354000	355000	NA	397000	326000	NA
Silver	10	ug/L	J 66.8	J 67.7	NA	J 130	ND< 30.0	NA
Sodium	5000	ug/L	11900000	11700000	NA	15500000	10000000	NA
Vanadium	50	ug/L	J 66.9	J 111	NA	J 271	J 221	NA
Zinc	20	ug/L	J 31.5	ND< 30.0	NA	ND< 28.0	298	NA

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Well Number			W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)
Sample Number			MOF-819	MOF-148	MOF-307	MOF-31	MOF-56MS	MOF-466
Sample Type							MS	
Sample Date			08/09/89	10/11/88	11/16/88	08/19/88	09/16/88	02/06/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 982	J 292	480	704	NA	ND< 130.0
Antimony	60	ug/L	ND< 360	1540	ND< 6000	386	NA	ND< 600
Arsenic	10	ug/L	ND< 21.0	ND< 7.0	J 5.0	ND< 30	NA	J 7.6
Barium	200	ug/L	J 1070	4650	994	994	NA	J 814
Cadmium	5	ug/L	ND< 60.0	ND< 50.0	30.5	ND< 5	NA	81.0
Calcium	5000	ug/L	326000	561000	324000	213000	NA	217000
Chromium	10	ug/L	ND< 82.0	ND< 50.0	ND< 5.0	10.9	NA	ND< 31.0
Cobalt	50	ug/L	ND< 54.0	J 50.0	J 33.6	ND< 5	NA	ND< 65.0
Copper	25	ug/L	ND< 54.0	ND< 40.0	J 18.6	ND< 4	NA	J 56.1
Iron	100	ug/L	J 1894	47300	411	2290	NA	2220
Magnesium	5000	ug/L	1040000	1380000	1060000	582000	NA	538000
Manganese	15	ug/L	754	768	661	410	NA	581
Mercury	.2	ug/L	ND< 0.050	ND< 0.2	ND< 0.2	ND< 0.4	NA	J 0.2
Nickel	40	ug/L	ND< 136	ND< 80.0	53.9	J 18	NA	ND< 86.0
Potassium	5000	ug/L	358000	255000	314000	191000	NA	199000
Selenium	5	ug/L	J 16.0	ND< 30.0	ND< 125	ND< 50	NA	ND< 25.0
Silver	10	ug/L	J 130.0	J 48.6	53.5	ND< 3	NA	ND< 32.0
Sodium	5000	ug/L	6980000	10800000	7610000	4820000	NA	4150000
Vanadium	50	ug/L	J 132	ND< 40.0	J 21.4	ND< 40.0	NA	J 30.5
Zinc	20	ug/L	ND< 28.0	ND< 20.0	34.2	J 99.5	NA	ND< 30.0

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units						
Well Number			W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)
Sample Number			MOF-467	MOF-56MSD	MOF-56	MOF-666	MOF-31MSD	MOF-32
Sample Type			TRIP	MSD		DUP	MSD	DUP
Sample Date			02/06/89	09/16/88	09/16/88	05/12/89	08/19/88	08/19/88
Aluminum	200	ug/L	NA	NA	ND< 5	J 349	NA	J 573
Antimony	60	ug/L	NA	NA	J 30	ND< 370	NA	J 377
Arsenic	10	ug/L	NA	NA	J 7	ND< 14.0	NA	ND< 50
Barium	200	ug/L	NA	NA	J 39.5	J 1010	NA	J 981
Beryllium	5	ug/L	NA	NA	ND< .6	ND< 17.0	NA	J 0.7
Calcium	5000	ug/L	NA	NA	12600	212000	NA	227000
Chromium	10	ug/L	NA	NA	ND< 5	J 39	NA	11.2
Cobalt	50	ug/L	NA	NA	ND< 5	ND< 68	NA	J 7.6
Iron	100	ug/L	NA	NA	J 12.2	3100	NA	5000
Magnesium	5000	ug/L	NA	NA	39700	508000	NA	554000
Manganese	15	ug/L	NA	NA	26.7	451	NA	410
Nickel	40	ug/L	NA	NA	ND< 8	ND< 132	NA	J 26
Potassium	5000	ug/L	NA	NA	14400	207000	NA	186000
Silver	10	ug/L	NA	NA	J 3	J 38.0	NA	ND< 3.0
Sodium	5000	ug/L	NA	NA	359000	3980000	NA	4870000
Vanadium	50	ug/L	NA	NA	ND< 4	J 86.0	NA	ND< 40
Zinc	20	ug/L	NA	NA	J 3.2	J 104.0	NA	89

Summary of Detected Chemicals
Site 1 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units							
Well Number			W01-13(F)			W01-13(F)			W01-13(F)
Sample Number			MOF-31MS			MOF-665			MOF-57
Sample Type			MS						EQUIP
Sample Date			08/19/88			05/12/89			09/16/88
Aluminum	200	ug/L	NA		J	298		J	26.7
Antimony	60	ug/L	NA		J	399		ND<	24
Barium	200	ug/L	NA		J	960		ND<	7
Calcium	5000	ug/L	NA			217000		J	55.4
Iron	100	ug/L	NA			2970		ND<	6
Magnesium	5000	ug/L	NA			521000		ND<	100
Manganese	15	ug/L	NA			459		ND<	1
Potassium	5000	ug/L	NA			208000		J	868
Selenium	5	ug/L	NA		J	18.5		ND<	3
Silver	10	ug/L	NA		J	31.0		J	4.8
Sodium	5000	ug/L	NA			4070000		J	62.8
Vanadium	50	ug/L	NA		J	73.0		ND<	4
Zinc	20	ug/L	NA		J	116		J	2.3

Summary of Detected Chemicals
Site 1 Surface Water Samples (Inorganics)

Well Number			W01JAGEL	W01JAGEL	W01JAGEL	W01JAGEL	W01JAGEL	Salt Flat N.
Sample Number			MOF-461	MOF-19	MOF-15	MOF-461MSD	MOF-461MS	MOF-485
Sample Type				TRIP		MSD	MS	
Sample Date			01/26/89	08/16/88	08/16/88	01/26/89	01/26/89	02/09/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 345	NA	J 1040	NA	NA	J 805
Antimony	60	ug/L	J 450	NA	ND< 2400	NA	NA	1230
Arsenic	10	ug/L	J 6.3	NA	J 6	NA	NA	12.3
Barium	200	ug/L	J 531	NA	ND< 700	NA	NA	J 87.1
Cadmium	5	ug/L	83.7	NA	ND< 500	NA	NA	NA
Calcium	5000	ug/L	349000	NA	J 436000	NA	NA	715000
Copper	25	ug/L	J 116	NA	ND< 400	NA	NA	NA
Iron	100	ug/L	J 218	NA	ND< 600	NA	NA	J 457
Magnesium	5000	ug/L	1060000	NA	J 1320000	NA	NA	1960000
Manganese	15	ug/L	NA	NA	NA	NA	NA	J 27.4
Potassium	5000	ug/L	317000	NA	498000	NA	NA	433000
Silver	10	ug/L	80.6	NA	ND< 300	NA	NA	J 39.3
Sodium	5000	ug/L	8140000	NA	10000000	NA	NA	1030000
Vanadium	50	ug/L	J 152	NA	ND< 400	NA	NA	NA

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 2

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========> FIRE HYD
Sample Number==========> MOF-3
Sample Type==========> SOURC
Sample Date==========> 08/09/88

Compounds	Quantitation limits	units		
Acetone	10	ug/L	B	12
Bromodichloromethane	5	ug/L	J	1
Chloroform	5	ug/L		59
Chloromethane	10	ug/L	J	3
Methylene chloride	5	ug/L	B	16
Toluene	5	ug/L	J	1
Bicarbonate	1	mg/L		6
Carbonate	1	mg/L		8
Chloride	.1	mg/L		3.1
Nitrate	.1	mg/L		0.12
Sulfate	.2	mg/L		1.2
TDS	10	mg/L		40

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)
Sample Number==========>			MOF-826	MOF-827	MOF-645	MOF-644	MOF-481	MOF-828
Sample Type==========>				DUP	TRIP			TRIP
Sample Date==========>			08/11/89	08/11/89	05/08/89	05/08/89	02/08/89	08/11/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	B 24	B 15	BJ 9	ND< 10	BJ 2	B 14
Methylene chloride	5	ug/L	B 5	B 10	B 13	B 7	B 16	B 16
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	NA	J 8	ND< 10	NA
Bicarbonate	1	mg/L	NA	NA	NA	NA	470	NA
Chloride	.1	mg/L	NA	NA	NA	NA	5230	NA
Sulfate	.2	mg/L	NA	NA	NA	NA	300	NA
TDS	10	mg/L	NA	NA	NA	NA	3500	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)
Sample Number==========>			MOF-2	MOF-36	MOF-124	MOF-1	MOF-37
Sample Type==========>			TRIP				DUP
Sample Date==========>			08/05/88	09/08/88	10/07/88	08/05/88	09/08/88
Compounds	Quantitation limits	units					
Acetone	10	ug/L	B 23	ND< 10	BJ 7	B 11	ND< 10
Methylene chloride	5	ug/L	B 66	B 11	B 13	B 6	B 9
Tetrachloroethene	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5
Toluene	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	NA	450	510	NA
Chloride	.1	mg/L	NA	1900	2500	2400	1800
Fluoride	.1	mg/L	NA	7.0	ND< 6	6.6	6.8
Sulfate	.2	mg/L	NA	280	280	310	280
TDS	10	mg/L	NA	3640	3700	4120	3720

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)
Sample Number==========>			MOF-823	MOF-655	MOF-478	MOF-472	MOF-479	MOF-18
Sample Type==========>						TRIP	DUP	DUP
Sample Date==========>			08/10/89	05/08/89	02/08/89	02/08/89	02/08/89	08/16/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	J 2	ND< 5	ND< 5
1,1-Dichloroethane	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	B 13	BJ 2	BJ 3	BJ 2	ND< 10
Ethyl benzene	5	ug/L	J 2	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 8	B 6	BJ 1	B 5	B 5	B 4
Toluene	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Total xylenes	5	ug/L	8	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	J 4	NA	ND< 10	ND< 10
Bicarbonate	1	mg/L	NA	NA	720	NA	720	NA
Chloride	.1	mg/L	NA	NA	11800	NA	12200	12000
Fluoride	.1	mg/L	NA	NA	ND< 30	NA	ND< 40	34
Sulfate	.2	mg/L	NA	NA	1110	NA	1090	1100
TDS	10	mg/L	NA	NA	19900	NA	19700	19700

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)
Sample Number==========>			MOF-17	MOF-655 MS	MOF-122	MOF-121	MOF-39	MOF-825
Sample Type==========>				MS	TRIP	SPLIT		TRIP
Sample Date==========>			08/16/88	05/08/89	10/06/88	10/06/88	09/08/88	08/10/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	B 2	NA	NA	ND< 10	ND< 10	B 14
Methylene chloride	5	ug/L	B 3	NA	NA	BJ 2	B 9	B 13
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 5	NA	NA	J 9	ND< 10	NA
Bicarbonate	1	mg/L	NA	NA	NA	700	NA	NA
Chloride	.1	mg/L	12000	NA	NA	14000	6500	NA
Fluoride	.1	mg/L	32	NA	NA	ND< 80	46	NA
Sulfate	.2	mg/L	1200	NA	NA	120	14000	NA
TDS	10	mg/L	19900	NA	NA	> 20000	20000	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)
Sample Number==========>			MOF-832	MOF-41	MOF-476	MOF-654	MOF-20	MOF-135
Sample Type==========>				TRIP				TRIP
Sample Date==========>			08/14/89	09/12/88	02/07/89	05/05/89	08/17/88	10/07/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	10	BJ 2	ND< 10	B 2	BJ 6
Methylene chloride	5	ug/L	B 18	B 20	ND< 5	BJ 4	B 3	B 8
Bis(2-Ethylhexyl)phthalate	10	ug/L	10	NA	BJ 7	ND< 10	J 9	NA
Bicarbonate	1	mg/L	NA	NA	340	NA	370	NA
Chloride	.1	mg/L	NA	NA	12200	NA	13000	NA
Fluoride	.1	mg/L	NA	NA	ND< 40	NA	40	NA
Sulfate	.2	mg/L	NA	NA	1840	NA	1600	NA
TDS	10	mg/L	NA	NA	> 20000	NA	20000	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)
Sample Number==========>			MOF-134MS	MOF-134MSD	MOF-134	MOF-40
Sample Type==========>			MS	MSD		
Sample Date==========>			10/07/88	10/07/88	10/07/88	09/12/88
Compounds	Quantitation limits	units				
Acetone	10	ug/L	NA	NA	BJ 3	ND< 10
Methylene chloride	5	ug/L	NA	NA	BJ 3	B 14
Bicarbonate	1	mg/L	NA	NA	330	340
Chloride	.1	mg/L	NA	NA	16000	14000
Sulfate	.2	mg/L	NA	NA	1600	1800
TDS	10	mg/L	NA	NA	> 20000	20000

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Compounds	Quantitation limits	units																						
Well Number==========>			W02-08(F)				W02-08(F)				W02-08(F)				W02-08(F)				W02-08(F)				W02-08(F)	
Sample Number==========>			MOF-831				MOF-641				MOF-470				MOF-4				MOF-43				MOF-158	
Sample Type==========>																							TRIP	
Sample Date==========>			08/14/89				05/04/89				02/07/89				08/09/88				09/13/88				10/12/88	
1,2-Dichloroethenes(Total)	5	ug/L			17				26				31				16				22			ND< 5
Acetone	10	ug/L		B	18			ND<	10			BJ	2			B	16			ND<	10			B 13
Benzene	5	ug/L			37				16				17				38				34			ND< 5
Chlorobenzene	5	ug/L		J	3			J	3			ND<	5				5			ND<	5			ND< 5
Ethyl benzene	5	ug/L		J	1			ND<	5			ND<	5			J	2			ND<	5			ND< 5
Methylene chloride	5	ug/L		B	18			BJ	3			BJ	1			B	6			B	11			B 10
Tetrachloroethene	5	ug/L			6			J	1			J	1			J	4			ND<	5			ND< 5
Toluene	5	ug/L		ND<	5			ND<	5			ND<	5			J	2			ND<	5			ND< 5
Trichloroethene	5	ug/L		ND<	5			ND<	5			ND<	5				8			ND<	5			ND< 5
Vinyl chloride	10	ug/L			18				17				32				42				21			ND< 10
Bis(2-Ethylhexyl)phthalate	10	ug/L		ND<	10			BJ	5			ND<	10			ND<	10			B	2			NA
Bicarbonate	1	mg/L		NA				NA					220				260				250			NA
Chloride	.1	mg/L		NA				NA					3190				4000				3600			NA
Fluoride	.1	mg/L		NA				NA				ND<	10				9.5			ND<	8			NA
Nitrate	.1	mg/L		NA				NA					0.5				1.3				1.0			NA
Sulfate	.2	mg/L		NA				NA					330				450				340			NA
TDS	10	mg/L		NA				NA					5050				5420				5490			NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-08(F)	W02-08(F)
Sample Number==========>			MOF-5	MOF-156
Sample Type==========>			TRIP	
Sample Date==========>			08/05/88	10/12/88
Compounds	Quantitation limits	units		
1,1-Dichloroethylene	5	ug/L	ND< 5	J 2
Acetone	10	ug/L	B 32	ND< 10
Methylene chloride	5	ug/L	B 11	BJ 2
Tetrachloroethene	5	ug/L	ND< 5	7
Toluene	5	ug/L	B 1	ND< 5
Trichloroethene	5	ug/L	ND< 5	J 1
Bicarbonate	1	mg/L	NA	460
Chloride	.1	mg/L	NA	3100
Nitrate	.1	mg/L	NA	3.1
Sulfate	.1	mg/L	NA	460
TDS	10	mg/L	NA	5950

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)
Sample Number==========>			MOF-830	MOF-26	MOF-42	MOF-42MSD	MOF-42MS	MOF-829
Sample Type==========>			TRIP			MSD	MS	
Sample Date==========>			08/14/89	08/18/88	09/13/88	09/13/88	09/13/88	08/14/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	B 15	B 2	ND< 10	NA	NA	B 18
Chloroform	5	ug/L	J 3	ND< 5	ND< 5	NA	NA	ND< 5
Methylene chloride	5	ug/L	B 14	B 4	B 10	NA	NA	B 13
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	NA	NA	J 1
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	J 9	B 4	NA	NA	ND< 10
Bicarbonate	1	mg/L	NA	570	550	NA	NA	NA
Chloride	.1	mg/L	NA	1900	2000	NA	NA	NA
Fluoride	.1	mg/L	NA	6.7	7.8	NA	NA	NA
Nitrate	.1	mg/L	NA	5.3	5.0	NA	NA	NA
Sulfate	.2	mg/L	NA	530	470	NA	NA	NA
TDS	10	mg/L	NA	4230	4440	NA	NA	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)
Sample Number==========>			MOF-652	MOF-477	MOF-136	MOF-137	MOF-27	MOF-28
Sample Type==========>			DUP			DUP	SPLIT	TRIP
Sample Date==========>			05/04/89	02/08/89	10/07/88	10/07/88	08/18/88	08/18/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 3	BJ 2	BJ 5	BJ 5	NA	B 5
Methylene chloride	5	ug/L	B 5	B 12	B 5	BJ 4	NA	B 11
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	NA	J 2
Bis(2-Ethylhexyl)phthalate	10	ug/L	BJ 2	66	ND< 10	ND< 10	NA	NA
Bicarbonate	1	mg/L	NA	550	540	540	NA	NA
Chloride	.1	mg/L	NA	1920	2200	2600	NA	NA
Nitrate	.1	mg/L	NA	4.4	5.2	5.2	NA	NA
Sulfate	.2	mg/L	NA	500	530	600	NA	NA
TDS	10	mg/L	NA	4070	4430	4340	NA	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-09(A1)	W02-09(A1)
Sample Number==========>			MOF-653	MOF-651
Sample Type==========>			TRIP	
Sample Date==========>			05/04/89	05/04/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ 6	BJ 7
Carbon disulfide	5	ug/L	J 1	ND< 5
Methylene chloride	5	ug/L	B 7	BJ 4
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	BJ 3

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-10(F)	W02-10(F)	W02-10(F)	W02-10(F)	W02-10(F)	W02-10(F)
Sample Number==========>			MOF-824	MOF-51	MOF-490	MOF-46	MOF-157	MOF-29
Sample Type==========>				TRIP		SPLIT		EQUIP
Sample Date==========>			08/10/89	09/14/88	02/10/89	09/14/88	10/12/88	08/19/88
Compounds	Quantitation limits	units						
1,2-Dichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	J 2	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	J 3	ND< 5	J 2	ND< 5	J 3	ND< 5
Acetone	10	ug/L	B 21	ND< 10	BJ 5	ND< 10	ND< 10	B 3
Benzene	5	ug/L	9	ND< 5	J 4	8	7	ND< 5
Ethyl benzene	5	ug/L	17	ND< 5	10	20	28	ND< 5
Methylene chloride	5	ug/L	B 10	B 31	B 65	B 18	BJ 2	B 4
Toluene	5	ug/L	J 2	B 5.5	ND< 5	ND< 5	J 1	ND< 5
Total xylenes	5	ug/L	5	ND< 5	ND< 5	15	ND< 5	ND< 5
2-Methylnaphthalene	10	ug/L	ND< 10	NA	ND< 10	J 3	ND< 10	ND< 10
Benzoic acid	50	ug/L	ND< 50	NA	ND< 50	J 11	ND< 50	ND< 50
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	NA	ND< 10	B 3	ND< 10	ND< 10
Butyl benzyl phthalate	10	ug/L	ND< 10	NA	ND< 10	B 2	ND< 10	ND< 10
N-nitrosodiphenylamine	10	ug/L	NA	NA	NA	B 3	NA	ND< 10
Naphthalene	10	ug/L	12	NA	12	42	48	ND< 10
Bicarbonate	1	mg/L	NA	NA	160	ND< 1.0	1.7	ND< 1.0
Carbonate	1	mg/L	NA	NA	ND< 1	97	ND< 1	ND< 1.0
Chloride	.1	mg/L	NA	NA	2350	3900	3200	0.32
Sulfate	.2	mg/L	NA	NA	78	5.4	9.3	ND< 0.2
TDS	10	mg/L	NA	NA	3580	4300	5440	ND< 10

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number			W02-10(F)	W02-10(F)	W02-10(F)
Sample Number			MOF-30	MOF-642	MOF-643
Sample Type					TRIP
Sample Date			08/19/88	05/05/89	05/05/89
Compounds	Quantitation limits	units			
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	J 2	ND< 5
Acetone	10	ug/L	BJ 4	BJ 4	ND< 10
Benzene	5	ug/L	B 6	6	ND< 5
Ethyl benzene	5	ug/L	15	12	ND< 5
Methylene chloride	5	ug/L	B 2	ND< 5	B 7
Toluene	5	ug/L	J 2	J 1	ND< 5
Total xylenes	5	ug/L	14	J 3	ND< 5
Vinyl chloride	10	ug/L	J 1	ND< 10	ND< 10
2-Methylnaphthalene	10	ug/L	J 5	ND< 10	NA
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 5	ND< 10	NA
Di-n-butylphthalate	10	ug/L	J 3	ND< 10	NA
Naphthalene	10	ug/L	50	27	NA
Bicarbonate	1	mg/L	250	NA	NA
Chloride	.1	mg/L	2600	NA	NA
Fluoride	.1	mg/L	6.1	NA	NA
Sulfate	.2	mg/L	12	NA	NA
TDS	10	mg/L	4090	NA	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-11(F)	W02-11(F)	W02-11(F)	W02-11(F)	W02-11(F)	W02-11(F)
Sample Number==========>			MOF-833	MOF-480	MOF-646	MOF-45	MOF-138	MOF-44
Sample Type==========>						DUP		
Sample Date==========>			08/15/89	02/08/89	05/08/89	09/13/88	10/07/88	09/13/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	BJ 2	BJ 8	ND< 10	BJ 2	ND< 10
Methylene chloride	5	ug/L	BJ 3	B 11	B 9	B 16	B 8	B 9
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	ND< 10	NA	ND< 10	B 2
Bicarbonate	1	mg/L	NA	480	NA	NA	430	440
Chloride	.1	mg/L	NA	3220	NA	NA	3700	3700
Nitrate	.1	mg/L	NA	3.8	NA	NA	4.2	2.8
Sulfate	.2	mg/L	NA	780	NA	NA	760	81
TDS	10	mg/L	NA	6280	NA	NA	7060	6920

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========>			W02-11(F)	W02-11(F)
Sample Number==========>			MOF-6	MOF-834
Sample Type==========>				TRIP
Sample Date==========>			08/10/88	08/15/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	B 11	ND< 10
Methylene chloride	5	ug/L	B 8	B 6
Toluene	5	ug/L	BJ 2	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	BJ 2	NA
Bicarbonate	1	mg/L	450	NA
Chloride	.1	mg/L	3600	NA
Fluoride	.1	mg/L	14	NA
Nitrate	.1	mg/L	3.6	NA
Sulfate	.2	mg/L	790	NA
TDS	10	mg/L	7120	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Organics)

Well Number==========> W02-FB
Sample Number==========> MOF-38
Sample Type==========> FIELD
Sample Date==========> 09/08/88

Compounds	Quantitation limits	units		
Methylene chloride	5	ug/L	B	55
Fluoride	.1	mg/L		0.42
Sulfate	.1	mg/L		0.28
TDS	10	mg/L		20

Summary of Detected Chemicals
Site 2 Surface Water Samples (Organics)

Well Number==========>			W02DEVILS			W02DEVILS			W02DEVILS		
Sample Number==========>			MOF-462			MOF-16			MOF-463		
Sample Type==========>									TRIP		
Sample Date==========>			01/26/89			08/16/88			01/26/89		
Compounds	Quantitation limits	units									
Acetone	10	ug/L	ND<	10		B	4		J	4	
Methylene chloride	5	ug/L	ND<	5		B	3		BJ	3	
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND<	10		J	7		NA		
Bicarbonate	1	mg/L		110		NA			NA		
Carbonate	1	mg/L		100		NA			NA		
Chloride	.1	mg/L		22000			22000		NA		
Fluoride	.1	mg/L	ND<	80			59		NA		
Sulfate	.2	mg/L		2800			3700		NA		
TDS	10	mg/L	>	20000			20000		NA		

Inorganic Data

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========> FIRE HYD
Sample Number==========> MOF-3
Sample Type==========> SOURC
Sample Date==========> 08/09/88

Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J	64.3
Calcium	5000	ug/L		5380
Magnesium	5000	ug/L	J	436
Potassium	5000	ug/L	J	1600
Silver	10	ug/L	J	6.5
Sodium	5000	ug/L	J	1590
Vanadium	50	ug/L	J	4.4
Zinc	20	ug/L	J	9.8

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number=>			W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)
Sample Number=>			MOF-826	MOF-827	MOF-645	MOF-644	MOF-481	MOF-828
Sample Type=>				DUP	TRIP			TRIP
Sample Date=>			08/11/89	08/11/89	05/08/89	05/08/89	02/08/89	08/11/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 108	J 164	NA	ND< 13.4	J 25.2	NA
Antimony	60	ug/L	J 52.0	J 23.0	NA	ND< 37.0	ND< 60	NA
Barium	200	ug/L	J 121	J 137	NA	J 100	J 48.5	NA
Calcium	5000	ug/L	231000	243000	NA	208000	235000	NA
Copper	25	ug/L	39.3	29.2	NA	ND< 3.8	ND< 3.1	NA
Iron	100	ug/L	J 61.2	J 72.4	NA	J 45.1	J 55.6	NA
Lead	5	ug/L	J 0.90	J 1.0	NA	5.0	ND< 1.4	NA
Magnesium	5000	ug/L	230000	234000	NA	213000	229000	NA
Manganese	15	ug/L	1810	1880	NA	1590	1610	NA
Nickel	40	ug/L	ND< 6.8	ND< 6.8	NA	J 23.0	ND< 8.6	NA
Potassium	5000	ug/L	J 1980	J 2860	NA	ND< 416	ND< 422	NA
Silver	10	ug/L	J 6.6	J 9.9	NA	ND< 3.0	ND< 3.2	NA
Sodium	5000	ug/L	660000	677000	NA	596000	677000	NA
Thallium	10	ug/L	ND< 0.70	ND< 0.70	NA	J 1.0	ND< 1.0	NA
Vanadium	50	ug/L	J 20.5	J 30.4	NA	J 4.9	ND< 2.9	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number			W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)	W02-05(A1)
Sample Number			MOF-2	MOF-36	MOF-124	MOF-1	MOF-37
Sample Type			TRIP				DUP
Sample Date			08/05/88	09/08/88	10/07/88	08/05/88	09/08/88
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	NA	J 18.6	J 80.6	ND< 5	J 25.6
Antimony	60	ug/L	NA	260	ND< 60	78.4	269
Barium	200	ug/L	NA	J 119	J 66.6	J 69.8	J 122
Beryllium	5	ug/L	NA	ND< .6	ND< 0.60	J .93	ND< .6
Calcium	5000	ug/L	NA	257000	257000	248000	258000
Cobalt	50	ug/L	NA	ND< 5	ND< 5.0	J 6.2	ND< 5
Copper	25	ug/L	NA	ND< 4	J 18.3	ND< 4	ND< 4
Iron	100	ug/L	NA	J 42.7	J 56.9	ND< 6	J 42.7
Magnesium	5000	ug/L	NA	218000	241000	269000	220000
Manganese	15	ug/L	NA	1980	1930	2040	1990
Mercury	.2	ug/L	NA	.4	ND< 0.2	ND< .2	ND< .2
Nickel	40	ug/L	NA	ND< 8	ND< 8.0	J 9	ND< 8
Potassium	5000	ug/L	NA	ND< 540	J 961	ND< 540	ND< 540
Silver	10	ug/L	NA	J 6	J 8.4	ND< 3	J 6.9
Sodium	5000	ug/L	NA	709000	774000	709000	708000
Vanadium	50	ug/L	NA	ND< 4	ND< 4.0	J 9.4	ND< 4
Zinc	20	ug/L	NA	ND< 2	J 2.1	J 7.2	ND< 2

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number=====>			W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)
Sample Number=====>			MOF-823	MOF-655	MOF-478	MOF-472	MOF-479	MOF-18
Sample Type=====>						TRIP	DUP	DUP
Sample Date=====>			08/10/89	05/08/89	02/08/89	02/08/89	02/08/89	08/16/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 180	J 866	J 223	NA	J 335	J 310.2
Antimony	60	ug/L	J 275	J 586	J 520	NA	J 540	923.4
Arsenic	10	ug/L	ND< 2.1	J 1.5	ND< 2.1	NA	ND< 2.1	ND< 5
Barium	200	ug/L	J 138	J 349	ND< 49.0	NA	J 79.1	J 240.8
Cadmium	5	ug/L	ND< 30.0	J 40.5	ND< 37.0	NA	ND< 37.0	ND< 50
Calcium	5000	ug/L	366000	354000	388000	NA	370000	349400
Copper	25	ug/L	333	ND< 38.0	ND< 31.0	NA	ND< 31.0	ND< 40
Iron	100	ug/L	J 123	J 265	J 298	NA	J 278	J 123.3
Magnesium	5000	ug/L	868000	753000	846000	NA	811000	764400
Manganese	15	ug/L	4820	4640	4480	NA	4450	4492.0
Nickel	40	ug/L	ND< 68.0	J 207	ND< 86.0	NA	ND< 86.0	ND< 80
Potassium	5000	ug/L	73800	81000	65100	NA	71600	70190.0
Silver	10	ug/L	ND< 31.0	ND< 30.0	ND< 32.0	NA	J 61.5	J 45.5
Sodium	5000	ug/L	5760000	5000000	5850000	NA	5610000	6061000
Vanadium	50	ug/L	ND< 33.0	J 171	J 33.4	NA	J 38.7	ND< 40
Zinc	20	ug/L	ND< 14.0	ND< 59.0	ND< 30.0	NA	J 31.1	ND< 20

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number=====>			W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)	W02-06(A1)
Sample Number=====>			MOF-17	MOF-655 MS	MOF-122	MOF-121	MOF-39	MOF-825
Sample Type=====>				MS	TRIP	SPLIT		TRIP
Sample Date=====>			08/16/88	05/08/89	10/06/88	10/06/88	09/08/88	08/10/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 2360	NA	NA	ND< 5.0	J 26.3	NA
Barium	200	ug/L	ND< 700	NA	NA	J 138	ND< 7	NA
Calcium	5000	ug/L	434000	NA	NA	349000	J 197	NA
Cobalt	50	ug/L	ND< 500	NA	NA	J 7.6	ND< 5	NA
Copper	25	ug/L	ND< 400	NA	NA	J 5.5	ND< 4	NA
Iron	100	ug/L	ND< 600	NA	NA	J 70.8	ND< 6	NA
Magnesium	5000	ug/L	918000	NA	NA	661000	ND< 100	NA
Manganese	15	ug/L	4950	NA	NA	4340	ND< 1	NA
Mercury	.2	ug/L	ND< .2	NA	NA	ND< 0.2	.3	NA
Potassium	5000	ug/L	176000	NA	NA	66600	ND< 540	NA
Sodium	5000	ug/L	6010000	NA	NA	5920000	J 86.3	NA
Zinc	20	ug/L	ND< 200	NA	NA	J 9.3	ND< 2	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========>			W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)
Sample Number==========>			MOF-832	MOF-41	MOF-476	MOF-654	MOF-20	MOF-135
Sample Type==========>				TRIP				TRIP
Sample Date==========>			08/14/89	09/12/88	02/07/89	05/05/89	08/17/88	10/07/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	13300	NA	J 970	J 1640	J 368	NA
Antimony	60	ug/L	ND< 360	NA	ND< 250	J 419	1560	NA
Arsenic	10	ug/L	ND< 9.5	NA	ND< 2.1	J 3.0	ND< 5	NA
Barium	200	ug/L	J 730	NA	ND< 49.0	J 430	J 219	NA
Calcium	5000	ug/L	2020000	NA	1590000	1390000	1460000	NA
Copper	25	ug/L	J 66.4	NA	ND< 31.0	ND< 38.0	ND< 40	NA
Iron	100	ug/L	J 1950	NA	J 544	J 630	J 196	NA
Lead	5	ug/L	J 12.0	NA	ND< 14.0	19.0	ND< 15	NA
Magnesium	5000	ug/L	1720000	NA	1690000	1440000	1620000	NA
Manganese	15	ug/L	2030	NA	1740	1220	1870	NA
Mercury	.2	ug/L	ND< 0.050	NA	J 0.1	ND< 0.10	ND< .2	NA
Potassium	5000	ug/L	369000	NA	20600	J 41900	J 9930	NA
Silver	10	ug/L	J 74.4	NA	J 86.7	J 79.6	J 50	NA
Sodium	5000	ug/L	5700000	NA	6000000	4680000	5010000	NA
Vanadium	50	ug/L	2120	NA	J 44.2	J 303	ND< 40	NA
Zinc	20	ug/L	J 207	NA	ND< 30.0	ND< 59.0	ND< 20	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========>			W02-07(A2)	W02-07(A2)	W02-07(A2)	W02-07(A2)
Sample Number==========>			MOF-134MS	MOF-134MSD	MOF-134	MOF-40
Sample Type==========>			MS	MSD		
Sample Date==========>			10/07/88	10/07/88	10/07/88	09/12/88
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	NA	NA	J 565	J 152
Antimony	60	ug/L	NA	NA	ND< 600	968
Barium	200	ug/L	NA	NA	ND< 70.0	J 174
Calcium	5000	ug/L	NA	NA	1410000	1190000
Copper	25	ug/L	NA	NA	J 52.9	ND< 20
Iron	100	ug/L	NA	NA	J 311	J 170
Lead	5	ug/L	NA	NA	21.0	ND< 500
Magnesium	5000	ug/L	NA	NA	1500000	1130000
Manganese	15	ug/L	NA	NA	1590	1500
Potassium	5000	ug/L	NA	NA	J 17000	ND< 2700
Silver	10	ug/L	NA	NA	J 74.7	J 19.2
Sodium	20	ug/L	NA	NA	5910000	4410000
Thallium	20	ug/L	NA	NA	ND< 50.0	35
Zinc	20	ug/L	NA	NA	ND< 20.0	J 69.5

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number=>			W02-08(F)	W02-08(F)	W02-08(F)	W02-08(F)	W02-08(F)	W02-08(F)
Sample Number=>			MOF-831	MOF-641	MOF-470	MOF-4	MOF-43	MOF-158
Sample Type=>								TRIP
Sample Date=>			08/14/89	05/04/89	02/07/89	08/09/88	09/13/88	10/12/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 133	J 118	J 434	470	J 34.8	NA
Antimony	60	ug/L	J 51.1	ND< 37.0	J 425	J 322	325	NA
Barium	200	ug/L	J 129	J 182	J 173	J 223	J 169	NA
Cadmium	5	ug/L	ND< 3.0	ND< 4.0	J 47.4	ND< 50	ND< 5	NA
Calcium	5000	ug/L	199000	171000	163000	257000	227000	NA
Iron	100	ug/L	J 86.2	126	J 336	2940	157	NA
Lead	5	ug/L	J 1.6	ND< 19.0	ND< 1.4	ND< 3	ND< 5	NA
Magnesium	5000	ug/L	377000	402000	472000	572000	469000	NA
Manganese	15	ug/L	196	198	372	569	485	NA
Nickel	40	ug/L	52.3	J 20.8	ND< 86.0	ND< 80	ND< 8	NA
Potassium	5000	ug/L	10100	12700	30500	28300	12200	NA
Silver	10	ug/L	J 3.9	J 3.5	J 42.6	J 74.6	J 4.8	NA
Sodium	5000	ug/L	910000	915000	1020000	1100000	1020000	NA
Vanadium	50	ug/L	J 32.5	J 27.8	56.2	J 94.3	ND< 4	NA
Zinc	20	ug/L	ND< 1.4	ND< 5.9	ND< 30.0	J 71	ND< 2	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========>			W02-08(F)		W02-08(F)
Sample Number==========>			MOF-5		MOF-156
Sample Type==========>			TRIP		
Sample Date==========>			08/05/88		10/12/88
Compounds	Quantitation limits	units			
Barium	200	ug/L	NA	J	98.1
Calcium	5000	ug/L	NA		425000
Iron	100	ug/L	NA	J	42.5
Magnesium	5000	ug/L	NA		473000
Manganese	15	ug/L	NA		275
Potassium	5000	ug/L	NA		212
Sodium	5000	ug/L	NA		1220000

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number=>			W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)
Sample Number=>			MOF-830	MOF-26	MOF-42	MOF-42MSD	MOF-42MS	MOF-829
Sample Type=>			TRIP			MSD	MS	
Sample Date=>			08/14/89	08/18/88	09/13/88	09/13/88	09/13/88	08/14/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	ND< 5	ND< 5	NA	NA	J 24.5
Antimony	60	ug/L	NA	247	242	NA	NA	J 52.5
Barium	200	ug/L	NA	J 51.6	J 48.9	NA	NA	J 20.5
Calcium	5000	ug/L	NA	307000	300000	NA	NA	247000
Iron	100	ug/L	NA	J 26.8	J 22.3	NA	NA	J 39.0
Lead	5	ug/L	NA	J 3	ND< 5	NA	NA	J 1.6
Magnesium	5000	ug/L	NA	319000	318000	NA	NA	244000
Manganese	15	ug/L	NA	19.7	19.6	NA	NA	ND< 0.70
Sodium	5000	ug/L	NA	761000	798000	NA	NA	634000
Thallium	10	ug/L	NA	J 2	ND< 50	NA	NA	ND< 0.70
Vanadium	50	ug/L	NA	ND< 4	ND< 4	NA	NA	J 14.6
Zinc	20	ug/L	NA	J 7.9	ND< 2	NA	NA	ND< 1.4

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number			W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)	W02-09(A1)
Sample Number			MOF-652	MOF-477	MOF-136	MOF-137	MOF-27	MOF-28
Sample Type			DUP			DUP	SPLIT	TRIP
Sample Date			05/04/89	02/08/89	10/07/88	10/07/88	08/18/88	08/18/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 48.9	ND< 13.0	J 83.1	J 91.4	NA	NA
Arsenic	10	ug/L	ND< 3.0	J 2.6	ND< 5.0	ND< 5.0	NA	NA
Barium	200	ug/L	60.0	ND< 4.9	ND< 7.0	ND< 7.0	NA	NA
Calcium	5000	ug/L	258000	282000	302000	298000	NA	NA
Chromium	10	ug/L	J 4.5	ND< 3.1	ND< 5.0	ND< 5.0	NA	NA
Copper	25	ug/L	ND< 3.8	ND< 3.1	J 7.2	J 4.8	NA	NA
Iron	100	ug/L	J 63.0	J 54.6	J 52.8	J 51.7	NA	NA
Magnesium	5000	ug/L	265000	276000	283000	280000	NA	NA
Manganese	15	ug/L	ND< 2.4	J 11.2	22.6	22.6	NA	NA
Potassium	5000	ug/L	ND< 416	ND< 422	J 641	J 1110	NA	NA
Silver	10	ug/L	J 8.5	ND< 3.2	J 7.5	J 9.6	NA	NA
Sodium	5000	ug/L	648000	735000	810000	801000	NA	NA
Vanadium	50	ug/L	J 9.9	ND< 2.9	ND< 4.0	ND< 4.0	NA	NA
Zinc	20	ug/L	ND< 5.9	ND< 3.0	J 5.4	J 2.2	NA	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========>			W02-09(A1)	W02-09(A1)
Sample Number==========>			MOF-653	MOF-651
Sample Type==========>			TRIP	
Sample Date==========>			05/04/89	05/04/89
Compounds	Quantitation limits	units		
Aluminum	200	ug/L	NA	J 49.5
Barium	200	ug/L	NA	J 57.4
Calcium	5000	ug/L	NA	259000
Iron	100	ug/L	NA	J 63.9
Magnesium	5000	ug/L	NA	265000
Silver	10	ug/L	NA	J 7.7
Sodium	5000	ug/L	NA	651000
Vanadium	50	ug/L	NA	J 9.9

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number			W02-10(F)	W02-10(F)	W02-10(F)	W02-10(F)	W02-10(F)	W02-10(F)
Sample Number			MOF-824	MOF-51	MOF-490	MOF-46	MOF-157	MOF-29
Sample Type				TRIP		SPLIT		EQUIP
Sample Date			08/10/89	09/14/88	02/10/89	09/14/88	10/12/88	08/19/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 18.0	NA	J 49.2	426	ND< 5.0	J 72.4
Antimony	60	ug/L	J 19.5	NA	ND< 25.0	1480	ND< 600	ND< 24
Arsenic	10	ug/L	395	NA	354	1150	730	ND< 5
Barium	200	ug/L	4160	NA	1330	479	3720	J 167
Beryllium	5	ug/L	15.0	NA	ND< 0.50	ND< 6	11.6	ND< .6
Cadmium	5	ug/L	ND< 3.0	NA	J 4.8	ND< 50	9.4	ND< 5
Calcium	5000	ug/L	314000	NA	218000	366000	478000	J 228
Cobalt	50	ug/L	ND< 2.7	NA	J 10.4	ND< 50	ND< 5.0	ND< 5
Copper	25	ug/L	J 6.5	NA	ND< 3.1	46.4	ND< 4.0	ND< 4
Iron	100	ug/L	217000	NA	149000	1600	167000	J 67.8
Lead	5	ug/L	J 2.2	NA	ND< 1.4	ND< 5	ND< 30.0	ND< 3
Magnesium	5000	ug/L	130000	NA	111000	1490000	231000	J 326
Manganese	15	ug/L	2450	NA	1940	1810	5020	ND< 1
Mercury	.2	ug/L	ND< 0.050	NA	ND< 0.1	ND< .2	ND< 0.2	.5
Potassium	5000	ug/L	72600	NA	55000	300000	58800	J 1550
Silver	10	ug/L	ND< 3.1	NA	J 3.3	ND< 30	ND< 3.0	J 8
Sodium	5000	ug/L	929000	NA	799000	11500000	1440000	J 1490
Vanadium	50	ug/L	ND< 3.3	NA	ND< 2.9	ND< 40	ND< 4.0	J 4.8
Zinc	20	ug/L	50.3	NA	ND< 3.0	25.5	ND< 2.0	95.1

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========>			W02-10(F)	W02-10(F)	W02-10(F)
Sample Number==========>			MOF-30	MOF-642	MOF-643
Sample Type==========>					TRIP
Sample Date==========>			08/19/88	05/05/89	05/05/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	24500	J 54.2	NA
Antimony	60	ug/L	343	ND< 37.0	NA
Arsenic	10	ug/L	6200	J 3.0	NA
Barium	200	ug/L	2550	3270	NA
Beryllium	5	ug/L	ND< 6	J 4.0	NA
Calcium	5000	ug/L	263000	187000	NA
Iron	100	ug/L	91700	113000	NA
Lead	5	ug/L	462	ND< 19.0	NA
Magnesium	5000	ug/L	161000	98700	NA
Manganese	15	ug/L	2200	1190	NA
Mercury	.2	ug/L	.5	ND< 0.10	NA
Potassium	5000	ug/L	89900	62200	NA
Silver	10	ug/L	69	ND< 3.0	NA
Sodium	5000	ug/L	930000	880000	NA
Vanadium	50	ug/L	65	J 5.6	NA
Zinc	20	ug/L	978	ND< 5.9	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number			W02-11(F)	W02-11(F)	W02-11(F)	W02-11(F)	W02-11(F)	W02-11(F)
Sample Number			MOF-833	MOF-480	MOF-646	MOF-45	MOF-138	MOF-44
Sample Type						DUP		
Sample Date			08/15/89	02/08/89	05/08/89	09/13/88	10/07/88	09/13/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 633	ND< 130	J 276	NA	J 507	ND< 5
Antimony	60	ug/L	ND< 180	ND< 60	ND< 370	NA	ND< 600	302
Arsenic	10	ug/L	ND< 1.9	ND< 2.1	J 3.0	NA	ND< 5.0	ND< 5
Barium	200	ug/L	J 58.0	ND< 49.0	J 73.9	NA	ND< 70.0	J 78.3
Calcium	5000	ug/L	345000	435000	355000	NA	478000	430000
Copper	25	ug/L	ND< 27.0	ND< 31.0	ND< 38.0	NA	J 106	ND< 4
Iron	100	ug/L	J 106	J 189	J 133	NA	J 135	J 46.8
Lead	5	ug/L	J 1.1	ND< 1.4	ND< 23.0	NA	ND< 5.0	ND< 50
Magnesium	5000	ug/L	363000	472000	372000	NA	512000	453000
Manganese	15	ug/L	331	252	226	NA	355	281
Mercury	.2	ug/L	J 0.051	ND< 0.1	ND< 0.10	NA	ND< 0.2	ND< .2
Nickel	40	ug/L	J 104	ND< 86.0	J 161	NA	ND< 80.0	ND< 8
Potassium	5000	ug/L	J 23400	5300	J 13900	NA	J 15100	ND< 540
Silver	10	ug/L	J 45.7	ND< 32.0	J 58.8	NA	J 87.6	ND< 3
Sodium	5000	ug/L	1090000	1280000	1050000	NA	1400000	1340000
Thallium	10	ug/L	J 1.7	ND< 1.0	J 1.0	NA	ND< 50.0	ND< 50
Vanadium	50	ug/L	J 112	ND< 29.0	J 76.8	NA	ND< 40.0	ND< 4
Zinc	20	ug/L	ND< 14.0	ND< 30.0	ND< 59.0	NA	ND< 20.0	J 7.2

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========>				W02-11(F)	W02-11(F)
Sample Number==========>				MOF-6	MOF-834
Sample Type==========>					TRIP
Sample Date==========>				08/10/88	08/15/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	J	963	NA
Antimony	60	ug/L	J	429	NA
Barium	200	ug/L	J	21.2	NA
Calcium	5000	ug/L		495000	NA
Iron	100	ug/L	J	665	NA
Magnesium	5000	ug/L		519000	NA
Manganese	15	ug/L		410	NA
Potassium	5000	ug/L	J	7340	NA
Sodium	5000	ug/L		1350000	NA

Summary of Detected Chemicals
Site 2 Water Samples by Well (Inorganics)

Well Number==========> W02-FB
Sample Number==========> MOF-38
Sample Type==========> FIELD
Sample Date==========> 09/08/88

Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J	1330
Antimony	60	ug/L	J	49.6
Barium	200	ug/L	J	266
Calcium	5000	ug/L		378000
Iron	100	ug/L	J	150
Lead	5	ug/L		13
Magnesium	5000	ug/L		704000
Manganese	15	ug/L		4930
Potassium	5000	ug/L	J	94000
Silver	10	ug/L	J	131
Sodium	5000	ug/L		5440000
Vanadium	50	ug/L	J	87.3
Zinc	20	ug/L	J	53.1

Summary of Detected Chemicals
Site 2 Surface Water Samples (Inorganics)

Well Number==========>			W02DEVILS		W02DEVILS		W02DEVILS
Sample Number==========>			MOF-462		MOF-16		MOF-463
Sample Type==========>							TRIP
Sample Date==========>			01/26/89		08/16/88		01/26/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	J	700	J	1170	NA
Antimony	60	ug/L		680	ND<	2400	NA
Arsenic	10	ug/L		15.6	ND<	5	NA
Barium	200	ug/L	J	455	ND<	700	NA
Cadmium	5	ug/L	J	41.3	ND<	500	NA
Calcium	5000	ug/L		372000		446000	NA
Copper	25	ug/L	J	38.3	ND<	400	NA
Iron	100	ug/L	J	251	ND<	600	NA
Magnesium	5000	ug/L		1140000		1360000	NA
Potassium	5000	ug/L		352000		452000	NA
Silver	10	ug/L	J	80.6	ND<	300	NA
Sodium	5000	ug/L		8740000		10300000	NA
Vanadium	50	ug/L	J	165	ND<	400	NA

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 3

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>				DECON
Sample Number==========>				MOF-512
Sample Type==========>				SOURC
Sample Date==========>				02/17/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ	4
Bromodichloromethane	5	ug/L	J	1
Chloroform	5	ug/L		33
Methylene chloride	5	ug/L	BJ	3
Bicarbonate	1	mg/L		11
Carbonate	1	mg/L		17
Chloride	.1	mg/L		8.6
Sulfate	.2	mg/L		2.8
TDS	10	mg/L		30

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number			W03-01(A1)	W03-01(A1)	W03-01(A1)	W03-01(A1)	W03-01(A1)	W03-01(A1)
Sample Number			MOF-835	MOF-489	MOF-195	MOF-194	MOF-488	MOF-673
Sample Type				TRIP	TRIP			
Sample Date			08/15/89	02/13/89	10/21/88	10/21/88	02/13/89	05/15/89
Compounds	Quantitation limits	units						
1,1-Dichloroethane	5	ug/L	7	ND< 5	ND< 5	5	6	6
1,1-Dichloroethylene	5	ug/L	J 4	ND< 5	ND< 5	J 3	J 3	J 3
1,2-Dichloroethenes(Total)	5	ug/L	14	ND< 5	ND< 5	12	11	12
Acetone	10	ug/L	B 15	BJ 5	ND< 10	ND< 10	BJ 4	ND< 10
Methylene chloride	5	ug/L	BJ 2	B 7	B 8	B 13	BJ 3	B 15
Tetrachloroethene	5	ug/L	J 2	ND< 5	ND< 5	J 2	J 1	ND< 5
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	BJ 1	ND< 5	ND< 5
Trichloroethene	5	ug/L	15	ND< 5	ND< 5	15	12	13
Vinyl chloride	10	ug/L	J 3	ND< 10	ND< 10	J 2	J 2	ND< 10
Bicarbonate	1	mg/L	NA	NA	NA	560	570	NA
Chloride	.1	mg/L	NA	NA	NA	32	44	NA
Nitrate	.1	mg/L	NA	NA	NA	ND< .1	0.4	NA
Sulfate	.2	mg/L	NA	NA	NA	180	130	NA
TDS	10	mg/L	NA	NA	NA	850	890	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-02(A1)	W03-02(A1)	W03-02(A1)	W03-02(A1)	W03-02(A1)
Sample Number==========>			MOF-853	MOF-184	MOF-501	MOF-678	MOF-854
Sample Type==========>							TRIP
Sample Date==========>			08/23/89	10/21/88	02/13/89	05/19/89	08/23/89
Compounds	Quantitation limits	units					
Acetone	10	ug/L	B 24	ND< 10	BJ 5	J 7	B 13
Methylene chloride	5	ug/L	BJ 2	B 7	BJ 4	B 10	B 9
Bicarbonate	1	mg/L	NA	500	520	NA	NA
Chloride	.1	mg/L	NA	4900	4490	NA	NA
Sulfate	.2	mg/L	NA	960	710	NA	NA
TDS	10	mg/L	NA	7600	7190	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W03-03(A1) MOF-840 08/17/89	W03-03(A1) MOF-508 02/15/89	W03-03(A1) MOF-193 10/21/88	W03-03(A1) MOF-842 DUP 08/17/89	W03-03(A1) MOF-676 05/16/89	W03-03(A1) MOF-841 TRIP 08/17/89
1,1-Dichloroethylene	5	ug/L	ND< 5	ND< 5	J 4	ND< 5	J 2	ND< 5
Acetone	10	ug/L	B 23	BJ 3	ND< 10	B 14	ND< 10	B 20
Benzene	5	ug/L	ND< 5	ND< 5	J 4	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	BJ 3	B 23	B 8	B 5	B 14	B 6
Toluene	5	ug/L	ND< 5	ND< 5	J 4	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	ND< 5	J 4	ND< 5	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	460	450	NA	NA	NA
Chloride	.1	mg/L	NA	2140	2900	NA	NA	NA
Sulfate	.2	mg/L	NA	320	390	NA	NA	NA
TDS	10	mg/L	NA	4180	5100	NA	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-04(B2)	W03-04(B2)	W03-04(B2)	W03-04(B2)
Sample Number==========>			MOF-844	MOF-687	MOF-509	MOF-198
Sample Type==========>						
Sample Date==========>			08/17/89	05/18/89	02/15/89	10/24/88
Compounds	Quantitation limits	units				
Acetone	10	ug/L	ND< 10	ND< 10	BJ 2	BJ 3
Methylene chloride	5	ug/L	B 6	J 3	B 24	B 6
Bicarbonate	1	mg/L	NA	NA	240	240
Chloride	.1	mg/L	NA	NA	76	64
Sulfate	.2	mg/L	NA	NA	19	23
TDS	10	mg/L	NA	NA	450	370

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-07(B2)	W03-07(B2)	W03-07(B2)	W03-07(B2)	W03-07(B2)	W03-07(B2)
Sample Number==========>			MOF-855	MOF-506	MOF-206	MOF-507	MOF-674	MOF-856
Sample Type==========>						TRIP		DUP
Sample Date==========>			08/23/89	02/15/89	10/25/88	02/15/89	05/16/89	08/23/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	B 16	BJ 4	ND< 10	BJ 4	ND< 10	B 17
Methylene chloride	5	ug/L	BJ 2	B 22	B 5	B 24	B 15	BJ 2
Bicarbonate	1	mg/L	NA	230	220	NA	NA	NA
Chloride	.1	mg/L	NA	33	34	NA	NA	NA
Sulfate	.2	mg/L	NA	20	30	NA	NA	NA
TDS	10	mg/L	NA	390	460	NA	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-07(B2)	W03-07(B2)
Sample Number==========>			MOF-675	MOF-857
Sample Type==========>			TRIP	EQUIP
Sample Date==========>			05/16/89	08/23/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	J 8	BJ 5
Carbon tetrachloride	5	ug/L	18	ND< 5
Chloroform	5	ug/L	J 3	ND< 5
Methylene chloride	5	ug/L	B 17	BJ 3

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-08(A1)	W03-08(A1)	W03-08(A1)	W03-08(A1)	W03-08(A1)	W03-08(A1)
Sample Number==========>			MOF-852	MOF-685	MOF-191	MOF-192	MOF-502	MOF-504
Sample Type==========>						DUP		EQUIP
Sample Date==========>			08/22/89	05/18/89	10/21/88	10/21/88	02/14/89	02/14/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 8	J 6	ND< 10	ND< 10	BJ 6	BJ 4
Methylene chloride	5	ug/L	BJ 1	5	B 8	B 7	B 27	B 20
Toluene	5	ug/L	ND< 5	ND< 5	J 1	J 1	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	NA	440	440	430	2
Chloride	.1	mg/L	NA	NA	1200	1300	990	ND< 0.1
Nitrate	.1	mg/L	NA	NA	7.4	7.5	7.5	ND< 0.1
Sulfate	.2	mg/L	NA	NA	180	170	140	ND< 0.2
TDS	10	mg/L	NA	NA	1900	2000	2130	ND< 10

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-08(A1)	W03-08(A1)
Sample Number==========>			MOF-503	MOF-686
Sample Type==========>			DUP	TRIP
Sample Date==========>			02/14/89	05/18/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ 5	J 8
Methylene chloride	5	ug/L	B 18	9
Bicarbonate	1	mg/L	430	NA
Chloride	.1	mg/L	940	NA
Nitrate	.1	mg/L	7.5	NA
Sulfate	.2	mg/L	140	NA
TDS	10	mg/L	2070	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number			W03-09(B2)	W03-09(B2)	W03-09(B2)	W03-09(B2)	W03-09(B2)	W03-09(B2)
Sample Number			MOF-848	MOF-680	MOF-513	MOF-197	MOF-196	MOF-200
Sample Type				TRIP	TRIP	TRIP	TRIP	SPLIT
Sample Date			08/21/89	05/23/89	02/17/89	10/24/88	10/24/88	10/24/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	J 1	NA	ND< 5	ND< 5
Acetone	10	ug/L	26	BJ 8	BJ 5	NA	ND< 10	BJ 4
Chloroform	5	ug/L	J 1	ND< 5	ND< 5	NA	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 6	B 6	B 6	NA	B 32	BJ 4
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	NA	BJ 1	ND< 5
Bicarbonate	1	mg/L	NA	NA	NA	NA	NA	210
Chloride	.1	mg/L	NA	NA	NA	NA	NA	150
Sulfate	.2	mg/L	NA	NA	NA	NA	NA	21
TDS	10	mg/L	NA	NA	NA	NA	NA	510

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number			W03-09(B2)	W03-09(B2)
Sample Number			MOF-497	MOF-679
Sample Type				
Sample Date			02/17/89	05/23/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ 4	BJ 4
Methylene chloride	5	ug/L	BJ 4	BJ 2
Bicarbonate	1	mg/L	220	NA
Carbonate	1	mg/L	5	NA
Chloride	.1	mg/L	54	NA
Nitrate	.1	mg/L	0.2	NA
Sulfate	.2	mg/L	18	NA
TDS	10	mg/L	380	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-11(A1)	W03-11(A1)	W03-11(A1)	W03-11(A1)	W03-11(A1)
Sample Number==========>			MOF-839	MOF-684	MOF-183	MOF-505	MOF-683
Sample Type==========>				DUP			
Sample Date==========>			08/16/89	05/18/89	10/21/88	02/14/89	05/18/89
Compounds	Quantitation limits	units					
Acetone	10	ug/L	B 14	J 5	ND< 10	BJ 6	J 4
Methylene chloride	5	ug/L	BJ 2	J 4	BJ 2	B 18	J 4
Bicarbonate	1	mg/L	NA	NA	470	490	NA
Chloride	.1	mg/L	NA	NA	880	630	NA
Nitrate	.1	mg/L	NA	NA	6	4.8	NA
Sulfate	.2	mg/L	NA	NA	200	160	NA
TDS	10	mg/L	NA	NA	1700	1700	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number			W03-12(A2)	W03-12(A2)	W03-12(A2)	W03-12(A2)	W03-12(A2)	W03-12(A2)
Sample Number			MOF-858	MOF-689	MOF-333	MOF-236	MOF-237	MOF-185
Sample Type				TRIP			TRIP	
Sample Date			08/24/89	05/19/89	12/02/88	11/01/88	11/01/88	10/24/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 7	ND< 10	ND< 10	ND< 10	B 14	ND< 10
Methylene chloride	5	ug/L	BJ 1	B 13	J 2	BJ 2	B 8	B 16
Bicarbonate	1	mg/L	NA	NA	470	470	NA	470
Chloride	.1	mg/L	NA	NA	33000	45000	NA	33000
Sulfate	.2	mg/L	NA	NA	4000	3900	NA	5200
TDS	10	mg/L	NA	NA	> 20000	ND> 20000	NA	ND> 20000

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number			W03-12(A2)	W03-12(A2)
Sample Number			MOF-499	MOF-498
Sample Type			DUP	
Sample Date			02/17/89	02/17/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ 3	BJ 5
Methylene chloride	5	ug/L	BJ 3	BJ 3
Bicarbonate	1	mg/L	480	470
Chloride	.1	mg/L	25200	25700
Sulfate	.2	mg/L	3690	3600
TDS	10	mg/L	> 20000	> 20000

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number			W03-13(A2)	W03-13(A2)	W03-13(A2)	W03-13(A2)	W03-13(A2)	W03-13(A2)
Sample Number			MOF-860	MOF-208	MOF-670	MOF-669	MOF-494	MOF-238
Sample Type			TRIP	TRIP	DUP			
Sample Date			08/24/89	10/25/88	05/16/89	05/16/89	02/15/89	11/01/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 6	ND< 10	ND< 10	B 10	BJ 5	ND< 10
Methylene chloride	5	ug/L	B 22	BJ 7	B 15	B 14	B 22	BJ 2
Bicarbonate	1	mg/L	NA	NA	NA	NA	250	250
Chloride	.1	mg/L	NA	NA	NA	NA	7300	32000
Sulfate	.2	mg/L	NA	NA	NA	NA	1090	1300
TDS	10	mg/L	NA	NA	NA	NA	14600	15700

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-13(A2)	W03-13(A2)	W03-13(A2)
Sample Number==========>			MOF-859	MOF-346	MOF-207
Sample Type==========>					
Sample Date==========>			08/24/89	12/02/88	10/25/88
Compounds	Quantitation limits	units			
Acetone	10	ug/L	BJ 5	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 24	ND< 5	BJ 1
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	250	BJ 4
Bicarbonate	1	mg/L	NA	240	250
Chloride	.1	mg/L	NA	16000	10000
Sulfate	.2	mg/L	NA	1200	1100
TDS	10	mg/L	NA	14000	11000

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-14(B2)	W03-14(B2)	W03-14(B2)	W03-14(B2)	W03-14(B2)	W03-14(B2)
Sample Number==========>			MOF-836	MOF-672	MOF-838	MOF-341	MOF-495	MOF-837
Sample Type==========>					TRIP			DUP
Sample Date==========>			08/16/89	05/15/89	08/16/89	12/01/88	02/15/89	08/16/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 8	J 9	B 30	ND< 10	BJ 5	ND< 10
Methylene chloride	5	ug/L	BJ 2	B 16	BJ 4	ND< 5	B 22	BJ 4
Bicarbonate	1	mg/L	NA	NA	NA	180	180	NA
Carbonate	1	mg/L	NA	NA	NA	13	18	NA
Chloride	.1	mg/L	NA	NA	NA	32	41	NA
Sulfate	.2	mg/L	NA	NA	NA	30	31	NA
TDS	10	mg/L	NA	NA	NA	320	340	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number			W03-14(B2)	W03-14(B2)
Sample Number			MOF-190	MOF-223
Sample Type				
Sample Date			10/20/88	11/01/88
Compounds	Quantitation limits	units		
Acetone	10	ug/L	ND< 10	BJ 7
Methylene chloride	5	ug/L	B 7	BJ 4
Bicarbonate	1	mg/L	220	200
Carbonate	1	mg/L	1.1	1.1
Chloride	.1	mg/L	40	48
Sulfate	.2	mg/L	30	26
TDS	10	mg/L	370	850

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)
Sample Number==========>			MOF-846	MOF-493	MOF-493MS	MOF-493MSD	MOF-180	MOF-181
Sample Type==========>					MS	MSD		DUP
Sample Date==========>			08/21/89	02/14/89	02/14/89	02/14/89	10/20/88	10/20/88
Acetone	10	ug/L	ND< 10	BJ 5	NA	NA	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 5	B 20	NA	NA	BJ 5	B 10
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 3	ND< 10	NA	NA	ND< 10	J 4
Bicarbonate	1	mg/L	NA	230	NA	NA	230	230
Chloride	.1	mg/L	NA	24	NA	NA	30	29
Sulfate	.2	mg/L	NA	20	NA	NA	18	21
TDS	10	mg/L	NA	330	NA	NA	340	350

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W03-15(B2) MOF-182 TRIP 10/20/88	W03-15(B2) MOF-337 12/01/88	W03-15(B2) MOF-239 11/01/88	W03-15(B2) MOF-667 05/15/89	W03-15(B2) MOF-668 TRIP 05/15/89	W03-15(B2) MOF-847 TRIP 08/21/89
Acetone	10	ug/L	ND< 10	ND< 10	ND< 10	ND< 10	J 7	23
Chloroform	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	J 1
Methylene chloride	5	ug/L	B 8	ND< 5	BJ 2	B 17	B 20	B 6
Toluene	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	240	230	NA	NA	NA
Chloride	.1	mg/L	NA	25	28	NA	NA	NA
Sulfate	.2	mg/L	NA	19	21	NA	NA	NA
TDS	10	mg/L	NA	330	420	NA	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)
Sample Number==========>			MOF-843	MOF-402MS	MOF-403	MOF-402	MOF-348	MOF-347
Sample Type==========>				MS	TRIP			TRIP
Sample Date==========>			08/17/89	01/04/89	01/04/89	01/04/89	12/05/88	12/05/88
Compounds	Quantitation limits	units						
1,2-Dichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA
Acetone	10	ug/L	B 15	NA	ND< 10	ND< 10	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 9	NA	B 57	BJ 4	ND< 5	B 28
Toluene	5	ug/L	ND< 5	NA	6	ND< 5	ND< 5	BJ 3
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	NA	NA	ND< 10	45	NA
Bicarbonate	1	mg/L	NA	NA	NA	190	190	NA
Chloride	.1	mg/L	NA	NA	NA	20	16	NA
Sulfate	.2	mg/L	NA	NA	NA	30	22	NA
Trichloroethane	5	ug/L	NA	NA	NA	NA	NA	NA
TDS	10	mg/L	NA	NA	NA	270	300	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>		W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)
Sample Number==========>		MOF-402MSD	MOF-510	MOF-572	MOF-563	MOF-677 MS	MOF-677 MSD
Sample Type==========>		MSD		DUP	TRIP	MS	MSD
Sample Date==========>		01/04/89	02/16/89	03/22/89	03/22/89	05/17/89	05/17/89
Compounds	Quantitation limits units						
Acetone	10	NA	BJ 4	BJ 4	BJ 8	NA	NA
Methylene chloride	10	NA	B 23	B 11	B 15	NA	NA
Bicarbonate	10	NA	190	190	NA	NA	NA
Chloride	10	NA	17	17	NA	NA	NA
Sulfate	10	NA	23	20	NA	NA	NA
TDS	10	NA	280	280	NA	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)
Sample Number==========>			MOF-571	MOF-843 MSD	MOF-677	MOF-843 MS	MOF-511
Sample Type==========>				MSD		MS	TRIP
Sample Date==========>			03/22/89	08/17/89	05/17/89	08/17/89	02/16/89
Compounds	Quantitation limits	units					
1,2-Dichloroethane	5	ug/L	NA	NA	NA	NA	13
Acetone	10	ug/L	BJ 9	NA	ND< 10	NA	BJ 2
Methylene chloride	5	ug/L	B 13	NA	B 14	NA	B 26
Bicarbonate	1	mg/L	190	NA	NA	NA	NA
Chloride	.1	mg/L	17	NA	NA	NA	NA
Sulfate	.2	mg/L	20	NA	NA	NA	NA
Trichloroethane	5	ug/L	NA	NA	NA	NA	23
TDS	10	mg/L	280	NA	NA	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)
Sample Number==========>			MOF-850	MOF-690	MOF-340	MOF-492	MOF-220	MOF-221
Sample Type==========>			TRIP		TRIP		DUP	TRIP
Sample Date==========>			08/18/89	05/23/89	12/01/88	02/13/89	11/01/88	11/01/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	B 37	BJ 6	ND< 10	BJ 3	BJ 4	BJ 4
Methylene chloride	5	ug/L	B 12	BJ 1	28	B 11	BJ 3	B 14
Toluene	5	ug/L	ND< 5	ND< 5	BJ 2	ND< 5	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	J 6	NA	ND< 10	ND< 10	NA
Di-n-octyl phthalate	10	ug/L	NA	59	NA	ND< 10	ND< 10	NA
Bicarbonate	1	mg/L	NA	NA	NA	310	320	NA
Chloride	.1	mg/L	NA	NA	NA	41700	36000	NA
Sulfate	.2	mg/L	NA	NA	NA	3000	3200	NA
TDS	10	mg/L	NA	NA	NA	> 20000	ND> 20000	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>		W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)
Sample Number==========>		MOF-339	MOF-338	MOF-219	MOF-845	MOF-189
Sample Type==========>		TRIP	SPLIT			
Sample Date==========>		12/01/88	12/01/88	11/01/88	08/18/89	10/20/88
Compounds	Quantitation limits units					
Acetone	10	NA	ND< 10	J 3	ND< 10	ND< 10
Methylene chloride	10	NA	J 1	BJ 4	B 5	B 6
Bis(2-Ethylhexyl)phthalate	10	NA	ND< 10	ND< 10	ND< 10	J 2
Bicarbonate	10	NA	320	320	NA	320
Chloride	10	NA	24000	34000	NA	32000
Sulfate	10	NA	2400	3200	NA	3800
TDS	10	NA	> 20000	ND> 20000	NA	ND> 20000

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>			W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)
Sample Number==========>			MOF-851	MOF-334	MOF-335	MOF-222	MOF-199	MOF-199MSD
Sample Type==========>			TRIP	TRIP				MSD
Sample Date==========>			08/22/89	12/02/88	12/02/88	11/01/88	10/24/88	10/24/88
Compounds	Quantitation limits	units						
1,2-Dichloroethane	5	ug/L	ND< 5	ND< 5	20	13	14	NA
Acetone	10	ug/L	ND< 10	ND< 10	ND< 10	BJ 3	BJ 5	NA
Chloroform	5	ug/L	J 2	ND< 5	ND< 5	ND< 5	ND< 5	NA
Methylene chloride	5	ug/L	B 12	29	ND< 5	B 5	BJ 3	NA
Toluene	5	ug/L	ND< 5	BJ 3	ND< 5	ND< 5	ND< 5	NA
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	J 3	J 3	NA
1,2 Dichlorobenzene	10	ug/L	NA	NA	ND< 10	J 2	J 3	NA
Bicarbonate	1	mg/L	NA	NA	440	440	450	NA
Chloride	.1	mg/L	NA	NA	12000	19000	5700	NA
Sulfate	.2	mg/L	NA	NA	1400	1400	1400	NA
TDS	10	mg/L	NA	NA	19500	19900	20000	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Organics)

Well Number==========>		W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)
Sample Number==========>		MOF-199MS	MOF-336	MOF-682	MOF-496	MOF-681	MOF-849
Sample Type==========>		MS	DUP	TRIP			
Sample Date==========>		10/24/88	12/02/88	05/17/89	02/16/89	05/17/89	08/22/89
Compounds	Quantitation limits units						
1,2-Dichloroethane	10	NA	14	ND< 5	ND< 5	ND< 5	13
Acetone	10	NA	ND< 10	BJ 4	BJ 4	ND< 10	ND< 10
Benzene	10	NA	ND< 5	ND< 5	ND< 5	ND< 5	J 2
Methylene chloride	10	NA	ND< 5	BJ 4	B 25	ND< 5	B 5
Trichloroethene	10	NA	ND< 5	ND< 5	ND< 5	J 1	J 3
1,2 Dichlorobenzene	10	NA	J 3	NA	J 2	J 3	J 3
Bis(2-Ethylhexyl)phthalate	10	NA	320	NA	ND< 10	ND< 10	ND< 10
Bicarbonate	10	NA	440	NA	450	NA	NA
Chloride	10	NA	16000	NA	19200	NA	NA
Sulfate	10	NA	1300	NA	1300	NA	NA
TDS	10	NA	19200	NA	20000	NA	NA

Inorganic Data

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========>			DECON	
Sample Number==========>			MOF-512	
Sample Type==========>			SOURC	
Sample Date==========>			02/17/89	
Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J	40.8
Calcium	5000	ug/L		10200
Iron	100	ug/L	J	49.8
Magnesium	5000	ug/L	J	479
Manganese	15	ug/L	J	1.8
Mercury	.2	ug/L	J	0.1
Potassium	5000	ug/L	J	1620
Sodium	5000	ug/L	J	3310
Vanadium	50	ug/L	J	3.7
Zinc	20	ug/L	J	7.1

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number			W03-12(A2)	W03-12(A2)	W03-12(A2)	W03-12(A2)	W03-12(A2)	W03-12(A2)
Sample Number			MOF-858	MOF-689	MOF-333	MOF-236	MOF-237	MOF-185
Sample Type				TRIP			TRIP	
Sample Date			08/24/89	05/19/89	12/02/88	11/01/88	11/01/88	10/24/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 2970	NA	J 303	J 130	NA	J 4590
Antimony	60	ug/L	ND< 360	NA	ND< 1000	2930	NA	J 3780
Barium	200	ug/L	J 291	NA	J 437	J 408	NA	J 739
Calcium	5000	ug/L	1520000	NA	1470000	1480000	NA	1570000
Cobalt	50	ug/L	ND< 54.0	NA	J 32.5	ND< 50	NA	ND< 500
Copper	25	ug/L	ND< 54.0	NA	J 88.4	ND< 40	NA	ND< 400
Iron	100	ug/L	J 687	NA	J 384	J 550	NA	ND< 600
Lead	5	ug/L	36.0	NA	ND< 30.0	ND< 30	NA	ND< 30
Magnesium	5000	ug/L	2680000	NA	2580000	2540000	NA	2560000
Manganese	15	ug/L	5820	NA	4800	4950	NA	4070
Mercury	.2	ug/L	J 0.050	NA	ND< 0.2	ND< .2	NA	ND< .2
Nickel	40	ug/L	ND< 136	NA	J 108	ND< 80	NA	J 843
Potassium	5000	ug/L	J 90800	NA	ND< 5400	ND< 5400	NA	237000
Silver	10	ug/L	J 176	NA	J 43.7	ND< 30	NA	J 624
Sodium	5000	ug/L	13300000	NA	14800000	17900000	NA	15500000
Vanadium	50	ug/L	J 540	NA	ND< 40.0	ND< 40	NA	ND< 400
Zinc	20	ug/L	J 113	NA	ND< 20.0	ND< 20	NA	ND< 200

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========> W03-12(A2)
Sample Number==========> MOF-688
Sample Type==========>
Sample Date==========> 05/19/89

Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J	127
Antimony	60	ug/L	J	38.5
Barium	200	ug/L	J	41.8
Calcium	5000	ug/L		88100
Iron	100	ug/L	J	61.6
Lead	5	ug/L		25.0
Magnesium	5000	ug/L		139000
Manganese	15	ug/L		277
Potassium	5000	ug/L	J	3100
Sodium	5000	ug/L		766000
Vanadium	50	ug/L	J	23.3
Zinc	20	ug/L		28.8

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========>			W03-12(A2)		W03-12(A2)	
Sample Number==========>			MOF-499		MOF-498	
Sample Type==========>			DUP			
Sample Date==========>			02/17/89		02/17/89	
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	J	1480	J	1430
Antimony	60	ug/L		2310		2030
Calcium	5000	ug/L		1510000		1510000
Copper	25	ug/L	J	89.0	J	167
Iron	100	ug/L	J	816	J	809
Magnesium	5000	ug/L		2460000		2480000
Manganese	15	ug/L	J	4790		4800
Potassium	5000	ug/L	J	38900	J	35900
Silver	10	ug/L	J	69.7	J	51.3
Sodium	5000	ug/L		13600000		13600000
Vanadium	50	ug/L	J	39.9	ND<	29.9

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number			W03-13(A2)	W03-13(A2)	W03-13(A2)	W03-13(A2)	W03-13(A2)	W03-13(A2)
Sample Number			MOF-860	MOF-208	MOF-670	MOF-669	MOF-494	MOF-238
Sample Type			TRIP	TRIP	DUP			
Sample Date			08/24/89	10/25/88	05/16/89	05/16/89	02/15/89	11/01/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	NA	J 1230	J 1320	J 669	ND< 50
Antimony	60	ug/L	NA	NA	ND< 370	ND< 370	ND< 250.0	1260
Arsenic	10	ug/L	NA	NA	J 6.0	J 4.1	J 2.1	ND< 7
Barium	200	ug/L	NA	NA	J 386	J 392	ND< 49.0	J 243
Calcium	5000	ug/L	NA	NA	1110000	1090000	1250000	1440000
Copper	25	ug/L	NA	NA	ND< 38.0	ND< 38.0	J 54.6	ND< 40
Iron	100	ug/L	NA	NA	J 728	J 680	J 861	J 223
Magnesium	5000	ug/L	NA	NA	864000	851000	980000	1130000
Manganese	15	ug/L	NA	NA	4840	4770	5530	6310
Mercury	.2	ug/L	NA	NA	ND< 0.10	ND< 0.10	J 0.1	ND< .2
Nickel	40	ug/L	NA	NA	ND< 132	ND< 132	J 92.8	ND< 80
Potassium	5000	ug/L	NA	NA	J 41700	J 45000	19900	ND< 5400
Silver	10	ug/L	NA	NA	J 79.2	J 94.7	J 87.5	ND< 30
Sodium	5000	ug/L	NA	NA	1780000	1760000	2080000	2990000
Vanadium	50	ug/L	NA	NA	J 205	J 231	ND< 29.0	ND< 40
Zinc	20	ug/L	NA	NA	207	207	ND< 30.0	J 32.6

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number			W03-13(A2)	W03-13(A2)	W03-13(A2)
Sample Number			MOF-859	MOF-346	MOF-207
Sample Type					
Sample Date			08/24/89	12/02/88	10/25/88
Compounds	Quantitation limits	units			
	20				
Aluminum	200	ug/L	J 2440	J 548	J 55.3
Antimony	60	ug/L	ND< 360	J 600	1300
Arsenic	10	ug/L	J 2.8	ND< 7.0	ND< 7
Barium	200	ug/L	J 208	J 261	J 190
Beryllium	5	ug/L	ND< 12.0	J 2.9	ND< 6
Calcium	5000	ug/L	1180000	1370000	1500000
Copper	25	ug/L	ND< 54.0	ND< 40.0	J 94.2
Iron	100	ug/L	J 654	J 468	J 305
Lead	5	ug/L	4.7	ND< 30.0	ND< 30
Magnesium	5000	ug/L	947000	1110000	1180000
Manganese	15	ug/L	5300	5680	6330
Nickel	40	ug/L	ND< 136	J 28.5	ND< 80
Potassium	5000	ug/L	J 73100	ND< 12600	ND< 5400
Silver	10	ug/L	J 103	J 86.9	ND< 30
Sodium	5000	ug/L	2100000	2230000	2490000
Vanadium	50	ug/L	J 377	J 40.1	ND< 40
Zinc	20	ug/L	J 88.6	ND< 20.0	ND< 20

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number			W03-14(B2)	W03-14(B2)	W03-14(B2)	W03-14(B2)	W03-14(B2)	W03-14(B2)
Sample Number			MOF-836	MOF-672	MOF-838	MOF-341	MOF-495	MOF-837
Sample Type					TRIP			DUP
Sample Date			08/16/89	05/15/89	08/16/89	12/01/88	02/15/89	08/16/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	254	ND< 13.4	NA	J 32.3	J 472	247
Antimony	60	ug/L	ND< 18.0	J 44.1	NA	J 45	ND< 250	ND< 18.0
Arsenic	10	ug/L	J 6.4	J 5.1	NA	ND< 7.0	J 7.0	J 5.5
Barium	200	ug/L	J 32.7	J 29.9	NA	37.0	ND< 49.0	J 42.1
Beryllium	5	ug/L	ND< 0.6	ND< 1.7	NA	J 0.6	ND< 5.0	ND< 0.6
Calcium	5000	ug/L	13500	15700	NA	18600	14800	16300
Copper	25	ug/L	ND< 2.7	ND< 3.8	NA	ND< 4.0	J 35.5	ND< 2.7
Iron	100	ug/L	J 38.2	J 11.4	NA	J 26.5	J 109	J 38.2
Lead	5	ug/L	J 1.4	ND< 2.3	NA	ND< 3.0	ND< 1.4	J 1.4
Magnesium	5000	ug/L	9270	11000	NA	12400	10400	11700
Manganese	15	ug/L	45.5	44.8	NA	55.5	J 126	60.0
Nickel	40	ug/L	J 8.6	ND< 13.2	NA	ND< 8.0	ND< 86.0	J 7.3
Potassium	5000	ug/L	5580	J 1630	NA	J 2380	20400	5310
Silver	10	ug/L	J 4.0	ND< 3.0	NA	ND< 3.0	J 84.2	ND< 3.1
Sodium	5000	ug/L	87500	83700	NA	112100	79100	89400
Thallium	10	ug/L	J 2.6	ND< 2.5	NA	ND< 2.0	ND< 1.0	J 2.8
Vanadium	50	ug/L	J 36.9	J 2.3	NA	ND< 4.0	J 50.7	J 36.6
Zinc	20	ug/L	J 4.6	J 9.0	NA	J 2.8	ND< 30.0	J 4.4

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========>				W03-14(B2)		W03-14(B2)	
Sample Number==========>				MOF-190		MOF-223	
Sample Type==========>							
Sample Date==========>				10/20/88		11/01/88	
Compounds	Quantitation limits	units					
Aluminum	200	ug/L		580		J	50.8
Barium	200	ug/L	J	39.9		J	35.2
Beryllium	5	ug/L	J	.81		ND<	.6
Calcium	5000	ug/L		19700			19200
Iron	100	ug/L		370		J	18.9
Magnesium	5000	ug/L		13500			13100
Manganese	15	ug/L	J	4.8			33.7
Potassium	5000	ug/L	J	3120		J	3310
Sodium	5000	ug/L		99200			93300
Vanadium	50	ug/L	ND<	4		J	11.2

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number			W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)
Sample Number			MOF-846	MOF-493	MOF-493MS	MOF-493MSD	MOF-180	MOF-181
Sample Type					MS	MSD		DUP
Sample Date			08/21/89	02/14/89	02/14/89	02/14/89	10/20/88	10/20/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 74.1	ND< 13.0	NA	NA	ND< 5	ND< 5
Antimony	60	ug/L	ND< 18.0	J 31.1	NA	NA	ND< 24	ND< 24
Arsenic	10	ug/L	J 6.4	J 6.4	NA	NA	ND< 7	ND< 7
Barium	200	ug/L	J 29.9	J 17.8	NA	NA	J 24.7	J 22.3
Beryllium	5	ug/L	J 0.75	ND< 0.50	NA	NA	ND< .6	ND< .6
Calcium	5000	ug/L	23100	23400	NA	NA	25100	25000
Iron	100	ug/L	131	133	NA	NA	J 6.8	J 10
Lead	5	ug/L	J 1.5	ND< 1.4	NA	NA	ND< 3	ND< 3
Magnesium	5000	ug/L	12300	13600	NA	NA	13500	13300
Manganese	15	ug/L	90.8	92.5	NA	NA	84.4	84.4
Potassium	5000	ug/L	J 2790	J 1120	NA	NA	ND< 540	ND< 540
Sodium	5000	ug/L	77800	81400	NA	NA	86800	86600
Vanadium	50	ug/L	J 9.7	ND< 2.9	NA	NA	ND< 4	ND< 4
Zinc	20	ug/L	J 2.5	ND< 3.0	NA	NA	ND< 2	ND< 2

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number			W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)	W03-15(B2)
Sample Number			MOF-182	MOF-337	MOF-239	MOF-667	MOF-668	MOF-847
Sample Type			TRIP				TRIP	TRIP
Sample Date			10/20/88	12/01/88	11/01/88	05/15/89	05/15/89	08/21/89
Compounds	Quantitation limits	units						
Arsenic	10	ug/L	NA	ND< 7.0	ND< 7	J 6.3	NA	NA
Barium	200	ug/L	NA	J 27.9	J 27.1	J 30.9	NA	NA
Calcium	5000	ug/L	NA	24800	24100	22600	NA	NA
Iron	100	ug/L	NA	239	259	J 89.7	NA	NA
Magnesium	5000	ug/L	NA	13600	12700	11600	NA	NA
Manganese	15	ug/L	NA	104	104	79.6	NA	NA
Potassium	5000	ug/L	NA	J 1230	ND< 540	J 886	NA	NA
Sodium	5000	ug/L	NA	85400	105000	84500	NA	NA
Vanadium	50	ug/L	NA	ND< 4.0	ND< 4	J 2.0	NA	NA
Zinc	20	ug/L	NA	ND< 2.0	ND< 2	J 7.8	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number=>			W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)
Sample Number=>			MOF-843	MOF-402MS	MOF-403	MOF-402	MOF-348	MOF-347
Sample Type=>				MS	TRIP			TRIP
Sample Date=>			08/17/89	01/04/89	01/04/89	01/04/89	12/05/88	12/05/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 18.0	NA	NA	J 14.9	J 29.3	NA
Antimony	60	ug/L	ND< 18.0	NA	NA	ND< 60	J 42	NA
Arsenic	10	ug/L	J 3.0	NA	NA	J 2.9	ND< 7.0	NA
Barium	200	ug/L	J 127	NA	NA	108	J 114	NA
Beryllium	5	ug/L	J 1.2	NA	NA	J 0.50	J 0.89	NA
Calcium	5000	ug/L	29600	NA	NA	30900	32000	NA
Copper	25	ug/L	ND< 2.7	NA	NA	J 3.6	ND< 4.0	NA
Iron	100	ug/L	J 11.4	NA	NA	J 18.5	J 13.8	NA
Magnesium	5000	ug/L	9110	NA	NA	10000	9760	NA
Manganese	15	ug/L	38.3	NA	NA	35.9	35.6	NA
Mercury	.2	ug/L	J 0.12	NA	NA	ND< 0.1	ND< 0.2	NA
Potassium	5000	ug/L	J 2400	NA	NA	J 1170	J 2030	NA
Sodium	5000	ug/L	53600	NA	NA	56000	62200	NA
Thallium	10	ug/L	J 2.9	NA	NA	ND< 1.0	ND< 2.0	NA
Zinc	20	ug/L	ND< 1.4	NA	NA	ND< 3.0	J 2.0	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number=>		W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)	W03-16(C)
Sample Number=>		MOF-402MSD	MOF-510	MOF-572	MOF-563	MOF-677 MS	MOF-677 MSD
Sample Type=>		MSD		DUP	TRIP	MS	MSD
Sample Date=>		01/04/89	02/16/89	03/22/89	03/22/89	05/17/89	05/17/89
Compounds	Quantitation limits units						
Aluminum	20	NA	J 13.5	J 13.8	NA	NA	NA
Arsenic	20	NA	J 3.6	J 2.9	NA	NA	NA
Barium	20	NA	J 108	J 113	NA	NA	NA
Beryllium	20	NA	ND< 0.50	J 1.1	NA	NA	NA
Calcium	20	NA	30000	30400	NA	NA	NA
Iron	20	NA	J 16.9	J 16.0	NA	NA	NA
Magnesium	20	NA	9820	9680	NA	NA	NA
Manganese	20	NA	37.4	36.8	NA	NA	NA
Potassium	20	NA	J 1800	J 2310	NA	NA	NA
Sodium	20	NA	56100	56300	NA	NA	NA
Thallium	20	NA	ND< 1.0	J 1.5	NA	NA	NA
Zinc	20	NA	ND< 3.0	J 9.2	NA	NA	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========>			W03-16(C)		W03-16(C)		W03-16(C)		W03-16(C)
Sample Number==========>			MOF-571		MOF-843 MSD		MOF-677		MOF-843 MS
Sample Type==========>					MSD				MS
Sample Date==========>			03/22/89		08/17/89		05/17/89		08/17/89
Compounds	Quantitation limits	units							
Arsenic	10	ug/L	J	2.8	NA	J	2.5		NA
Barium	200	ug/L	J	113	NA	J	119		NA
Calcium	5000	ug/L		30600	NA		29700		NA
Iron	100	ug/L	J	18.1	NA	J	11.6		NA
Magnesium	5000	ug/L		9580	NA		8790		NA
Manganese	15	ug/L		36.7	NA		37.3		NA
Potassium	5000	ug/L	J	2150	NA	J	1590		NA
Sodium	5000	ug/L		56200	NA		60800		NA
Thallium	10	ug/L	J	1.4	NA	ND<	2.5		NA
Zinc	20	ug/L	J	3.7	NA	ND<	5.9		NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number			W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)
Sample Number			MOF-850	MOF-690	MOF-340	MOF-492	MOF-220	MOF-221
Sample Type			TRIP		TRIP		DUP	TRIP
Sample Date			08/18/89;[	05/23/89	12/01/88	02/13/89	11/01/88	11/01/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	J 161	NA	J 1260	J 79.7	NA
Antimony	60	ug/L	NA	ND< 37.4	NA	ND< 250	2970	NA
Barium	200	ug/L	NA	J 360	NA	ND< 49.0	J 330	NA
Calcium	5000	ug/L	NA	307000	NA	2820000	2830000	NA
Iron	100	ug/L	NA	140	NA	1010	J 487	NA
Magnesium	5000	ug/L	NA	287000	NA	2720000	2860000	NA
Manganese	15	ug/L	NA	2800	NA	26100	27700	NA
Mercury	.2	ug/L	NA	ND< 0.10	NA	0.6	ND< .2	NA
Potassium	5000	ug/L	NA	J 2990	NA	23700	ND< 5400	NA
Silver	10	ug/L	NA	ND< 3.0	NA	J 44.7	ND< 30	NA
Sodium	5000	ug/L	NA	1080000	NA	10200000	12100000	NA
Thallium	10	ug/L	NA	J 22.0	NA	J 36.0	ND< 20	NA
Vanadium	50	ug/L	NA	J 26.4	NA	ND< 29.0	ND< 40	NA
Zinc	20	ug/L	NA	49.3	NA	ND< 30.0	J 40.7	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========>		W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)	W03-22(A2)
Sample Number==========>		MOF-339	MOF-338	MOF-219	MOF-845	MOF-189
Sample Type==========>		TRIP	SPLIT			
Sample Date==========>		12/01/88	12/01/88	11/01/88	08/18/89	10/20/88
Compounds	Quantitation limits units					
Aluminum	20	NA	J 355	J 342	2800	J 3800
Antimony	20	NA	ND< 600	3170	ND< 180	J 2410
Barium	20	NA	J 403	J 342	J 260	ND< 700
Calcium	20	NA	2930000	2840000	2510000	3060000
Copper	20	NA	J 149	J 48.2	ND< 27.0	ND< 400
Iron	20	NA	J 630	J 511	J 953	ND< 600
Magnesium	20	NA	3040000	2900000	2560000	3130000
Manganese	20	NA	26600	27800	23400	28000
Mercury	20	NA	ND< 0.2	ND< .2	J 0.090	ND< .2
Potassium	20	NA	ND< 5400	ND< 5400	70400	J 172000
Silver	20	NA	J 58.0	ND< 30	ND< 31.0	J 528
Sodium	20	NA	11500000	12100000	8750000	12100000
Vanadium	20	NA	ND< 40.0	ND< 40	J 405	ND< 400
Zinc	20	NA	ND< 20.0	J 21.7	ND< 14.0	ND< 200

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========>			W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)
Sample Number==========>			MOF-851	MOF-334	MOF-335	MOF-222	MOF-199	MOF-199MSD
Sample Type==========>			TRIP	TRIP				MSD
Sample Date==========>			08/22/89	12/02/88	12/02/88	11/01/88;[	10/24/88	10/24/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	NA	J 415	J 492	J 589	NA
Antimony	60	ug/L	NA	NA	ND< 600	1110	1460	NA
Barium	200	ug/L	NA	NA	J 254	J 241	J 265	NA
Beryllium	5	ug/L	NA	NA	J 8.4	ND< 6	ND< 6	NA
Calcium	5000	ug/L	NA	NA	784000	795000	828000	NA
Iron	100	ug/L	NA	NA	3560	2950	2460	NA
Magnesium	5000	ug/L	NA	NA	1020000	1010000	880000	NA
Manganese	15	ug/L	NA	NA	5920	6620	6460	NA
Nickel	40	ug/L	NA	NA	J 86.3	ND< 80	ND< 80	NA
Potassium	5000	ug/L	NA	NA	J 18800	J 19500	J 27700	NA
Silver	10	ug/L	NA	NA	J 86.7	J 57.7	J 76.9	NA
Sodium	5000	ug/L	NA	NA	4960000	5400000	5240000	NA

Summary of Detected Chemicals
Site 3 Water Samples by Well (Inorganics)

Well Number==========>		W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)	W03-23(A1)
Sample Number==========>		MOF-199MS	MOF-336	MOF-682	MOF-496	MOF-681	MOF-849
Sample Type==========>		MS	DUP	TRIP			
Sample Date==========>		10/24/88	12/02/88	05/17/89	02/16/89	05/17/89	08/22/89
Compounds	Quantitation limits units						
Aluminum	5000	NA	J 463	NA	J 886	2090	J 676
Antimony	5000	NA	ND< 600	NA	J 321	J 594	ND< 180
Arsenic	5000	NA	ND< 7.0	NA	J 2.1	ND< 2.0	ND< 2.1
Barium	5000	NA	J 240	NA	ND< 49.0	J 587	J 149
Calcium	5000	NA	815000	NA	749000	813000	752000
Chromium	5000	NA	ND< 50.0	NA	ND< 31.0	J 67.0	ND< 41.0
Iron	5000	NA	3660	NA	3390	4000	2940
Lead	5000	NA	ND< 30.0	NA	ND< 14.0	ND< 23.0	30.0
Magnesium	5000	NA	1070000	NA	1030000	1000000	1000000
Manganese	5000	NA	6070	NA	5980	6600	6510
Potassium	5000	NA	J 20600	NA	J 30500	65200	J 22900
Selenium	5000	NA	ND< 30.0	NA	ND< 2.5	ND< 24.0	J 26.0
Silver	5000	NA	J 67.5	NA	ND< 32.0	ND< 30.0	ND< 31.0
Sodium	5000	NA	5090000	NA	4640000	4380000	4430000
Vanadium	5000	NA	ND< 40.0	NA	J 69.8	J 393	J 114
Zinc	5000	NA	J 20.0	NA	ND< 30.0	252	J 28.2

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 4

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W04-02(A1) MOF-867 08/29/89	W04-02(A1) MOF-697 TRIP 05/25/89	W04-02(A1) MOF-524 TRIP 02/27/89	W04-02(A1) MOF-525 DUP 02/27/89	W04-02(A1) MOF-523 02/27/89	W04-02(A1) MOF-695 05/25/89
1,1-Dichloroethane	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
1,2-Dichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	J 4	J 3	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	J 3	ND< 5	ND< 5	ND< 5	ND< 5	J 3
Acetone	10	ug/L	BJ 3	ND< 10	B 10	BJ 3	BJ 8	BJ 6
Methylene chloride	5	ug/L	B 9	B 11	B 13	B 10	B 13	B 6
Trichloroethene	5	ug/L	37	ND< 5	ND< 5	59	51	51
Bicarbonate	1	mg/L	NA	NA	NA	490	490	NA
Chloride	.1	mg/L	NA	NA	NA	50	49	NA
Nitrate	.1	mg/L	NA	NA	NA	3.2	3.6	NA
Sulfate	.2	mg/L	NA	NA	NA	160	170	NA
TDS	10	mg/L	NA	NA	NA	800	800	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number==========>			W04-02(A1)	W04-02(A1)
Sample Number==========>			MOF-320	MOF-324
Sample Type==========>			EQUIP	
Sample Date==========>			11/21/88	11/22/88
Compounds	Quantitation limits	units		
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	J 4
Acetone	10	ug/L	BJ 9	BJ 5
Carbon disulfide	5	ug/L	110	ND< 5
Chloroform	5	ug/L	20	ND< 5
Methylene chloride	5	ug/L	B 5	BJ 4
Trichloroethene	5	ug/L	ND< 5	41
Bicarbonate	1	mg/L	ND< 1.0	510
Chloride	.1	mg/L	ND< 0.1	42
Nitrate	.1	mg/L	ND< 0.1	3.6
Sulfate	.2	mg/L	ND< 0.2	170
TDS	10	mg/L	ND< 10	1040

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W04-03(A1)	W04-03(A1)	W04-03(A1)	W04-03(A1)	W04-03(A1)	W04-03(A1)
Sample Number=====>			MOF-862	MOF-693	MOF-519	MOF-518	MOF-692	MOF-298
Sample Type=====>				TRIP	TRIP			TRIP
Sample Date=====>			08/25/89	05/24/89	02/22/89	02/22/89	05/24/89	11/21/88
1,1-Dichloroethane	5	ug/L	J 3	ND< 5	ND< 5	J 2	J 3	NA
1,2-Dichloroethenes(Total)	5	ug/L	14	ND< 5	ND< 5	14	14	NA
4-Methyl-2-pentanone	10	ug/L	ND< 10	J 4	ND< 10	ND< 10	ND< 10	NA
Acetone	10	ug/L	BJ 5	BJ 7	BJ 4	BJ 3	BJ 5	NA
Methylene chloride	5	ug/L	B 8	B 11	B 14	B 8	BJ 4	NA
Toluene	5	ug/L	ND< 5	J 3	ND< 5	ND< 5	ND< 5	NA
Trichloroethene	5	ug/L	12	ND< 5	ND< 5	12	14	NA
Vinyl chloride	10	ug/L	ND< 10	ND< 10	ND< 10	J 2	ND< 10	NA
Bicarbonate	1	mg/L	NA	NA	NA	570	NA	NA
Chloride	.1	mg/L	NA	NA	NA	41	NA	NA
Nitrate	.1	mg/L	NA	NA	NA	0.2	NA	NA
Sulfate	.2	mg/L	NA	NA	NA	230	NA	NA
TDS	10	mg/L	NA	NA	NA	2680	NA	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number==========> W04-03(A1)
Sample Number==========> MOF-297
Sample Type==========> SPLIT
Sample Date==========> 11/21/88

Compounds	Quantitation limits	units		
1,1-Dichloroethylene	5	ug/L	J	1
1,2-Dichloroethenes(Total)	5	ug/L		16
Methylene chloride	5	ug/L	B	5
Trichloroethene	5	ug/L		12
Bicarbonate	1	mg/L		540
Chloride	.1	mg/L		32
Nitrate	.1	mg/L		0.1
Sulfate	.2	mg/L		220
TDS	10	mg/L		770

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number			W04-04(A1)	W04-04(A1)	W04-04(A1)	W04-04(A1)	W04-04(A1)	W04-04(A1)
Sample Number			MOF-864	MOF-323	MOF-691	MOF-517	MOF-322	MOF-321
Sample Type				TRIP			DUP	
Sample Date			08/28/89	11/21/88	05/24/89	02/21/89	11/21/88	11/21/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	BJ 1	ND< 13	ND< 25
1,1-Dichloroethane	5	ug/L	5	ND< 5	7	8	21	27
1,2-Dichloroethenes(Total)	5	ug/L	69	ND< 5	100	140	380	490
Acetone	10	ug/L	ND< 10	B 16	BJ 5	BJ 9	BJ 13	B 57
Benzene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 13	J 9
Bromodichloromethane	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	ND< 13	ND< 25
Carbon tetrachloride	5	ug/L	ND< 5	ND< 5	5	ND< 5	ND< 13	ND< 25
Chloroform	5	ug/L	ND< 5	ND< 5	29	ND< 5	ND< 13	ND< 25
Methylene chloride	5	ug/L	BJ 2	B 29	BJ 4	B 18	BJ 11	B 48
Tetrachloroethene	5	ug/L	J 4	ND< 5	7	5	J 5	J 8
Toluene	5	ug/L	ND< 5	J 2	ND< 5	ND< 5	ND< 13	BJ 20
Trichloroethene	5	ug/L	19	ND< 5	24	16	15	J 20
Bicarbonate	1	mg/L	NA	NA	NA	510	510	510
Chloride	.1	mg/L	NA	NA	NA	42	35	34
Sulfate	.2	mg/L	NA	NA	NA	110	100	100
TDS	10	mg/L	NA	NA	NA	800	630	640

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number==========> W04-04(A1)
Sample Number==========> MOF-865
Sample Type==========> TRIP
Sample Date==========> 08/28/89

Compounds	Quantitation limits	units		
Acetone	10	ug/L	B	18
Methylene chloride	5	ug/L	B	9

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Compounds	Quantitation limits	units					
Well Number==========>			W04-06(A2)	W04-06(A2)	W04-06(A2)	W04-06(A2)	W04-06(A2)
Sample Number==========>			MOF-866	MOF-331	MOF-516	MOF-515	MOF-514
Sample Type==========>					TRIP	DUP	
Sample Date==========>			08/28/89	11/29/88	02/21/89	02/21/89	02/21/89
1,1-Dichloroethane	5	ug/L	J 2	ND< 5	ND< 5	ND< 5	ND< 5
Acetone	10	ug/L	BJ 4	ND< 10	ND< 10	ND< 10	ND< 10
Carbon tetrachloride	5	ug/L	J 1	34	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 8	BJ 2	BJ 4	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	440	NA	88	91
Chloride	.1	mg/L	NA	38	NA	4.0	4.1
Nitrate	.1	mg/L	NA	1.3	NA	ND< 0.1	ND< 0.1
Sulfate	.2	mg/L	NA	130	NA	10	10
TDS	10	mg/L	NA	740	NA	160	110

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number==========> W04-06(A2)
Sample Number==========> MOF-694
Sample Type==========>
Sample Date==========> 05/25/89

Compounds	Quantitation limits	units		
Acetone	10	ug/L	B	13
Carbon tetrachloride	5	ug/L	J	1
Chloroform	5	ug/L	J	1
Methylene chloride	5	ug/L	B	5
Trichloroethene	5	ug/L	J	1

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number==========>			W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)
Sample Number==========>			MOF-861	MOF-351	MOF-350	MOF-863	MOF-702
Sample Type==========>				TRIP		TRIP	
Sample Date==========>			08/25/89	12/07/88	12/07/88	08/25/89	06/05/89
Compounds	Quantitation limits	units					
Acetone	10	ug/L	BJ 3	16	ND< 10	BJ 8	NA
Methylene chloride	5	ug/L	B 7	B 33	B 9	B 24	NA
Bicarbonate	1	mg/L	NA	NA	190	NA	NA
Chloride	.1	mg/L	NA	NA	28	NA	NA
Sulfate	.2	mg/L	NA	NA	30	NA	NA
TDS	10	mg/L	NA	NA	330	NA	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number==========>			W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)
Sample Number==========>			MOF-696	MOF-564	MOF-521	MOF-521MS	MOF-429	MOF-430
Sample Type==========>				TRIP		MS		TRIP
Sample Date==========>			05/24/89	03/23/89	02/23/89	02/23/89	01/11/89	01/11/89
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	J 2	ND< 5	ND< 5	NA	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	BJ 3	BJ 5	NA	BJ 5	BJ 5
Chloroform	5	ug/L	J 1	ND< 5	ND< 5	NA	ND< 5	ND< 5
Methylene chloride	5	ug/L	BJ 4	B 9	BJ 4	NA	B 15	B 9
2-Chlorophenol	10	ug/L	ND< 10	NA	J 9	NA	ND< 10	NA
4-Chloro-3-methylphenol	10	ug/L	ND< 10	NA	J 6	NA	ND< 10	NA
Di-n-octyl phthalate	10	ug/L	BJ 3	NA	ND< 10	NA	ND< 10	NA
Phenol	10	ug/L	ND< 10	NA	J 9	NA	J 6	NA
Bicarbonate	1	mg/L	NA	NA	190	NA	190	NA
Chloride	.1	mg/L	NA	NA	34	NA	32	NA
Sulfate	.2	mg/L	NA	NA	24	NA	32	NA
TDS	10	mg/L	NA	NA	300	NA	320	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number==========>			W04-07(C)	W04-07(C)	W04-07(C)
Sample Number==========>			MOF-522	MOF-521MSD	MOF-573
Sample Type==========>			TRIP	MSD	
Sample Date==========>			02/23/89	02/23/89	03/23/89
Compounds	Quantitation limits	units			
Acetone	10	ug/L	BJ 6	NA	BJ 3
Methylene chloride	5	ug/L	B 6	NA	B 9
Bicarbonate	1	mg/L	NA	NA	190
Chloride	.1	mg/L	NA	NA	30
Sulfate	.2	mg/L	NA	NA	26
TDS	10	mg/L	NA	NA	290

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number			W04-09(B2)	W04-09(B2)	W04-09(B2)	W04-09(B2)	W04-09(B2)	W04-09(B2)
Sample Number			MOF-868	MOF-431	MOF-356	MOF-358	MOF-325	MOF-326
Sample Type					TRIP	DUP		TRIP
Sample Date			08/29/89	01/11/89	12/06/88	12/06/88	11/22/88	11/22/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 4	BJ 3	ND< 10	ND< 10	BJ 7	B 22
Carbon disulfide	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	J 3
Methylene chloride	5	ug/L	B 9	B 5	B 32	BJ 2	BJ 4	B 33
Toluene	5	ug/L	ND< 5	ND< 5	BJ 4	ND< 5	ND< 5	BJ 3
Bicarbonate	1	mg/L	NA	200	NA	190	220	NA
Carbonate	1	mg/L	NA	2	NA	26	1	NA
Chloride	.1	mg/L	NA	27	NA	26	26	NA
Sulfate	.2	mg/L	NA	19	NA	19	19	NA
TDS	10	mg/L	NA	310	NA	310	307	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Organics)

Well Number			W04-09(B2)	W04-09(B2)	W04-09(B2)	W04-09(B2)	W04-09(B2)
Sample Number			MOF-357	MOF-520	MOF-640	MOF-639	MOF-869
Sample Type					TRIP		TRIP
Sample Date			12/06/88	02/22/89	05/03/89	05/03/89	08/29/89
Compounds	Quantitation limits	units					
Acetone	10	ug/L	ND< 10	BJ 3	BJ 6	ND< 10	BJ 4
Methylene chloride	5	ug/L	BJ 2	B 12	B 17	B 12	B 12
Bicarbonate	1	mg/L	180	210	NA	NA	NA
Carbonate	1	mg/L	36	ND< 1	NA	NA	NA
Chloride	.1	mg/L	26	26	NA	NA	NA
Nitrate	.1	mg/L	ND< 0.1	0.1	NA	NA	NA
Sulfate	.2	mg/L	20	18	NA	NA	NA
TDS		mg/L	330	300	NA	NA	NA

Inorganic Data

Summary of Detected Chemicals
Site 4 Water Samples by Well (Inorganics)

Well Number			W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)
Sample Number			MOF-861	MOF-351	MOF-350	MOF-863	MOF-702
Sample Type				TRIP		TRIP	
Sample Date			08/25/89	12/07/88	12/07/88	08/25/89	06/05/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	J 91.6	NA	J 24.8	NA	NA
Antimony	60	ug/L	ND< 18.0	NA	J 42	NA	NA
Arsenic	10	ug/L	J 1.9	NA	ND< 7.0	NA	NA
Barium	200	ug/L	J 134	NA	J 94.4	NA	NA
Beryllium	5	ug/L	ND< 0.6	NA	J 0.90	NA	NA
Calcium	5000	ug/L	33300	NA	35700	NA	NA
Iron	100	ug/L	J 15.5	NA	ND< 6.0	NA	NA
Magnesium	5000	ug/L	10300	NA	11300	NA	NA
Manganese	15	ug/L	44.0	NA	39.4	NA	NA
Nickel	40	ug/L	J 7.0	NA	ND< 8.0	NA	NA
Potassium	5000	ug/L	J 4410	NA	J 2080	NA	NA
Sodium	5000	ug/L	61900	NA	64700	NA	NA
Vanadium	50	ug/L	J 18.8	NA	J 4.6	NA	NA
Zinc	20	ug/L	J 16.8	NA	ND< 2.0	NA	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Inorganics)

Well Number=>			W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)	W04-07(C)
Sample Number=>			MOF-696	MOF-564	MOF-521	MOF-521MS	MOF-429	MOF-430
Sample Type=>				TRIP		MS		TRIP
Sample Date=>			05/24/89	03/23/89	02/23/89	02/23/89	01/11/89	01/11/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 13.4	NA	J 20.4	NA	ND< 13.0	NA
Arsenic	10	ug/L	J 3.0	NA	ND< 2.1	NA	ND< 2.1	NA
Barium	200	ug/L	J 119	NA	J 98.5	NA	J 99.3	NA
Calcium	5000	ug/L	30700	NA	34100	NA	35100	NA
Iron	100	ug/L	J 8.3	NA	J 6.2	NA	J 8.3	NA
Magnesium	5000	ug/L	9260	NA	10900	NA	11200	NA
Manganese	15	ug/L	37.8	NA	36.5	NA	39.8	NA
Potassium	5000	ug/L	J 838	NA	J 2470	NA	J 1500	NA
Silver	10	ug/L	ND< 3.0	NA	J 5.1	NA	ND< 3.2	NA
Sodium	5000	ug/L	59700	NA	64900	NA	61800	NA
Thallium	10	ug/L	ND< 1.5	NA	ND< 1.0	NA	J 1.2	NA
Vanadium	50	ug/L	J 8.4	NA	J 5.8	NA	ND< 2.9	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Inorganics)

Well Number==========>			W04-07(C)	W04-07(C)	W04-07(C)	
Sample Number==========>			MOF-522	MOF-521MSD	MOF-573	
Sample Type==========>			TRIP	MSD		
Sample Date==========>			02/23/89	02/23/89	03/23/89	
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	NA	NA	J	34.6
Arsenic	10	ug/L	NA	NA	J	4.8
Barium	200	ug/L	NA	NA	J	108
Cadmium	5	ug/L	NA	NA	J	4.4
Calcium	5000	ug/L	NA	NA		33400
Iron	100	ug/L	NA	NA	J	10.7
Magnesium	5000	ug/L	NA	NA		10600
Manganese	15	ug/L	NA	NA		36.4
Potassium	5000	ug/L	NA	NA	J	2690
Silver	10	ug/L	NA	NA	J	4.1
Sodium	5000	ug/L	NA	NA		60300
Vanadium	50	ug/L	NA	NA	J	4.0
Zinc	20	ug/L	NA	NA	J	6.4

Summary of Detected Chemicals
Site 4 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W04-09(B2) MOF-868 08/29/89	W04-09(B2) MOF-431 01/11/89	W04-09(B2) MOF-356 TRIP 12/06/88	W04-09(B2) MOF-358 DUP 12/06/88	W04-09(B2) MOF-325 11/22/88	W04-09(B2) MOF-326 TRIP 11/22/88
Aluminum	200	ug/L	ND< 180	J 34.6	NA	J 39.5	J 9.9	NA
Antimony	60	ug/L	ND< 180	ND< 25.0	NA	J 22	ND< 60	NA
Arsenic	10	ug/L	J 9.4	J 9.8	NA	11.2	J 9.0	NA
Barium	200	ug/L	ND< 35.0	J 10	NA	J 18.7	J 21.4	NA
Beryllium	5	ug/L	J 1.6	ND< 0.50	NA	ND< 0.60	ND< 0.60	NA
Calcium	5000	ug/L	J 25100	25200	NA	25400	24200	NA
Iron	100	ug/L	J 27.0	J 26.9	NA	J 19.7	J 19.1	NA
Magnesium	5000	ug/L	J 11900	13000	NA	13000	13600	NA
Manganese	15	ug/L	J 77.0	61.3	NA	59.1	60.2	NA
Nickel	40	ug/L	ND< 68.0	J 9.3	NA	ND< 8.0	ND< 8.0	NA
Potassium	5000	ug/L	ND< 5720	J 2150	NA	J 2820	J 1750	NA
Silver	10	ug/L	ND< 31.0	ND< 3.2	NA	J 3.9	ND< 3.0	NA
Sodium	5000	ug/L	74300	73800	NA	76200	73900	NA
Zinc	20	ug/L	J 62.0	ND< 3.0	NA	ND< 2.0	ND< 2.0	NA

Summary of Detected Chemicals
Site 4 Water Samples by Well (Inorganics)

Well Number			W04-09(B2)	W04-09(B2)	W04-09(B2)	W04-09(B2)	W04-09(B2)
Sample Number			MOF-357	MOF-520	MOF-640	MOF-639	MOF-869
Sample Type					TRIP		TRIP
Sample Date			12/06/88	02/22/89	05/03/89	05/03/89	08/29/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	J 39.5	ND< 13.0	NA	ND< 13.4	NA
Antimony	60	ug/L	J 53	ND< 25.0	NA	ND< 37.0	NA
Arsenic	10	ug/L	10.4	10.2	NA	J 8.9	NA
Barium	200	ug/L	J 20.4	J 6.9	NA	J 20.0	NA
Calcium	5000	ug/L	25200	24300	NA	22600	NA
Iron	100	ug/L	J 20.6	J 43.8	NA	J 45.6	NA
Magnesium	5000	ug/L	13100	13600	NA	11600	NA
Manganese	15	ug/L	59.1	68.4	NA	70.5	NA
Mercury	.2	ug/L	0.3	0.2	NA	J 0.10	NA
Potassium	5000	ug/L	J 2970	J 1160	NA	J 1190	NA
Silver	10	ug/L	J 3.9	ND< 3.2	NA	ND< 3.0	NA
Sodium	5000	ug/L	75900	73000	NA	76000	NA
Zinc	20	ug/L	ND< 2.0	J 8.6	NA	ND< 5.9	NA

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 5

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)
Sample Number==========>			MOF-773	MOF-591	MOF-592	MOF-426	MOF-425	MOF-258
Sample Type==========>					TRIP	DUP		TRIP
Sample Date==========>			07/17/89	04/11/89	04/11/89	01/10/89	01/10/89	11/04/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	B 19	BJ 8	ND< 10	ND< 10	BJ 3	BJ 9
Methylene chloride	5	ug/L	B 20	B 9	ND< 5	BJ 4	B 7	B 16
Bicarbonate	1	mg/L	NA	NA	NA	270	270	NA
Chloride	.1	mg/L	NA	NA	NA	32	26	NA
Sulfate	.2	mg/L	NA	NA	NA	30	30	NA
TDS	10	mg/L	NA	NA	NA	380	370	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number			W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)
Sample Number			MOF-187	MOF-186	MOF-257	MOF-355	MOF-354
Sample Type			DUP			TRIP	
Sample Date			10/17/88	10/17/88	11/04/88	12/09/88	12/09/88
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	ND< 5	J 1	ND< 5	ND< 5	ND< 5
2-Butanone	10	ug/L	ND< 10	J 3	ND< 10	ND< 10	ND< 10
Acetone	10	ug/L	ND< 10	B 30	BJ 5	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 7	B 7	B 12	B 15	B 5
Toluene	5	ug/L	ND< 5	BJ 1	ND< 5	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	12	NA	ND< 10
Bicarbonate	1	mg/L	270	450	270	NA	260
Chloride	.1	mg/L	26	23	27	NA	29
Sulfate	.2	mg/L	39	40	32	NA	36
TDS	10	mg/L	340	340	310	NA	360

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)
Sample Number==========>			MOF-772	MOF-420	MOF-774	MOF-274	MOF-171	MOF-170
Sample Type==========>					TRIP	TRIP	TRIP	
Sample Date==========>			07/17/89	01/10/89	07/17/89	11/07/88	10/18/88	10/18/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	3
Acetone	10	ug/L	B 24	BJ 4	B 28	ND< 10	BJ 5	BJ 4
Chloroform	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 14	B 6	B 46	B 12	B 8	BJ 3
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	J 1	ND< 5	10
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	NA	NA	NA	J 5
Bicarbonate	1	mg/L	NA	200	NA	NA	NA	220
Chloride	.1	mg/L	NA	23	NA	NA	NA	21
Sulfate	.2	mg/L	NA	22	NA	NA	NA	24
TDS	10	mg/L	NA	300	NA	NA	NA	350

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W05-05(C) MOF-275 TRIP 11/07/88	W05-05(C) MOF-273 SPLIT 11/07/88	W05-05(C) MOF-436 TRIP 01/10/89	W05-05(C) MOF-366 12/14/88	W05-05(C) MOF-568 TRIP 04/06/89	W05-05(C) MOF-567 04/06/89
Acetone	10	ug/L	NA	ND< 10	BJ 5	ND< 10	BJ 6	ND< 10
Methylene chloride	5	ug/L	NA	B 6	B 8	ND< 5	BJ 3	BJ 1
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	BJ 8	NA	ND< 10	NA	ND< 10
Di-n-butylphthalate	10	ug/L	NA	J 3	NA	ND< 10	NA	ND< 10
Bicarbonate	1	mg/L	NA	200	NA	200	NA	NA
Chloride	.1	mg/L	NA	19	NA	21	NA	NA
Sulfate	.2	mg/L	NA	23	NA	22	NA	NA
TDS	10	mg/L	NA	310	NA	300	NA	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W05-06(A1)	W05-06(A1)	W05-06(A1)	W05-06(A1)	W05-06(A1)	W05-06(A1)
Sample Number==========>			MOF-767	MOF-344MSD	MOF-344MS	MOF-344	MOF-345	MOF-596
Sample Type==========>				MSD	MS		TRIP	
Sample Date==========>			07/13/89	12/12/88	12/12/88	12/12/88	12/12/88	04/12/89
Acetone	10	ug/L	J 2	NA	NA	ND< 10	ND< 10	B 10
Methylene chloride	5	ug/L	BJ 3	NA	NA	B 6	BJ 3	BJ 4
2-Methylnaphthalene	10	ug/L	ND< 10	NA	NA	ND< 10	NA	J 2
Naphthalene	10	ug/L	ND< 10	NA	NA	ND< 10	NA	J 2
Bicarbonate	1	mg/L	NA	NA	NA	380	NA	NA
Chloride	.1	mg/L	NA	NA	NA	15	NA	NA
Sulfate	.2	mg/L	NA	NA	NA	5.5	NA	NA
TDS	10	mg/L	NA	NA	NA	410	NA	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number			W05-06(A1)	W05-06(A1)	W05-06(A1)
Sample Number			MOF-245	MOF-419	MOF-188
Sample Type					
Sample Date			11/03/88	01/09/89	10/17/88
Compounds	Quantitation limits	units			
4-Methyl-2-pentanone	10	ug/L	16	ND< 10	ND< 10
Acetone	10	ug/L	BJ 3	ND< 10	B 27
Benzene	5	ug/L	ND< 5	ND< 5	J 1
Chloromethane	10	ug/L	ND< 10	ND< 10	J 4
Methylene chloride	5	ug/L	BJ 3	BJ 2	B 8
Naphthalene	10	ug/L	ND< 40	J 3	ND< 10
Bicarbonate	1	mg/L	380	380	270
Chloride	.1	mg/L	160	16	16
Sulfate	.2	mg/L	7.1	5.8	8.7
TDS	10	mg/L	390	420	530
TPHC	.25	mg/L	300	0.32	ND< 0.25

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W05-07(A1)	W05-07(A1)	W05-07(A1)	W05-07(A1)	W05-07(A1)	W05-07(A1)
Sample Number=====>			MOF-763	MOF-764	MOF-580	MOF-254	MOF-253	MOF-175
Sample Type=====>				DUP		DUP		TRIP
Sample Date=====>			07/12/89	07/12/89	04/10/89	11/03/88	11/03/88	10/19/88
Acetone	10	ug/L	J 2	J 3	B 19	ND< 10	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 5	B 11	B 36	BJ 1	BJ 2	B 6
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	ND< 10	B 290	BJ 3	NA
N-nitrosodiphenylamine	10					ND< 10	J 5	NA
Bicarbonate	1	mg/L	NA	NA	NA	430	430	NA
Chloride	.1	mg/L	NA	NA	NA	45	40	NA
Nitrate	.1	mg/L	NA	NA	NA	1.8	1.9	NA
Sulfate	.2	mg/L	NA	NA	NA	110	110	NA
TDS	10	mg/L	NA	NA	NA	620	600	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-07(A1)	W05-07(A1)	W05-07(A1)
Sample Number==========>			MOF-174	MOF-421	MOF-364
Sample Type==========>					
Sample Date==========>			10/19/88	01/06/89	12/09/88
Compounds	Quantitation limits	units			
Bicarbonate	1	mg/L	430	430	430
Chloride	.1	mg/L	38	37	39
Nitrate	.1	mg/L	2	2.1	1.8
Sulfate	.2	mg/L	110	110	110
TDS	10	mg/L	650	660	650

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units																						
Well Number=====>			W05-08(A1)				W05-08(A1)				W05-08(A1)				W05-08(A1)				W05-08(A1)				W05-08(A1)	
Sample Number=====>			MOF-766				MOF-362				MOF-593				MOF-163				MOF-165				MOF-164	
Sample Type=====>																			TRIP				DUP	
Sample Date=====>			07/13/89				12/08/88				04/11/89				10/14/88				10/14/88				10/14/88	
Acetone	10	ug/L	J	1				15			BJ	6				21				19				15
Methylene chloride	5	ug/L	BJ	2			BJ	3			B	5			B	10			B	12			B	7
Toluene	5	ug/L	ND<	5			ND<	5			ND<	5			BJ	1			BJ	2			ND<	5
Bicarbonate	1	mg/L	NA					360			NA					380			NA					380
Chloride	.1	mg/L	NA					49			NA					50			NA					50
Nitrate	.1	mg/L	NA					3.6			NA					3.1			NA					3.4
Sulfate	.2	mg/L	NA					100			NA					120			NA					120
TDS	10	mg/L	NA					630			NA					600			NA					620

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-08(A1)	W05-08(A1)
Sample Number==========>			MOF-248	MOF-415
Sample Type==========>				
Sample Date==========>			11/04/88	01/05/89
Compounds	Quantitation limits	units		
Methylene chloride	5	ug/L	BJ 4	ND< 5
Butyl benzyl phthalate	10	ug/L	J 6	ND< 10
Chrysene	10	ug/L	12	ND< 10
Di-n-butylphthalate	10	ug/L	J 3	ND< 10
Bicarbonate	1	mg/L	370	360
Chloride	.1	mg/L	46	47
Nitrate	.1	mg/L	3.4	4.1
Sulfate	.2	mg/L	100	100
TDS	10	mg/L	590	600

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)
Sample Number==========>			MOF-775	MOF-167MSD	MOF-168	MOF-167MS	MOF-775 MSD	MOF-428
Sample Type==========>				MSD	TRIP	MS	MSD	
Sample Date==========>			07/18/89	10/17/88	10/17/88	10/17/88	07/18/89	01/11/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	J 3	NA	B 12	NA	NA	BJ 4
Chloroform	5	ug/L	J 3	NA	ND< 5	NA	NA	ND< 5
Methylene chloride	5	ug/L	B 7	NA	B 20	NA	NA	B 7
Bicarbonate	1	mg/L	NA	NA	NA	NA	NA	420
Chloride	.1	mg/L	NA	NA	NA	NA	NA	59
Nitrate	.1	mg/L	NA	NA	NA	NA	NA	5.7
Sulfate	.2	mg/L	NA	NA	NA	NA	NA	260
TDS	10	mg/L	NA	NA	NA	NA	NA	920

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)
Sample Number=====>			MOF-598	MOF-259	MOF-775 MS	MOF-597	MOF-371	MOF-167
Sample Type=====>			TRIP		MS			
Sample Date=====>			04/13/89	11/04/88	07/18/89	04/13/89	12/13/88	10/17/88
	10							
Acetone	10	ug/L	BJ 5	B 12	NA	BJ 2	BJ 7	B 18
Methylene chloride	5	ug/L	BJ 3	B 7	NA	BJ 2	BJ 4	B 8
Trichloroethene	5	ug/L	ND< 5	ND< 5	NA	ND< 5	ND< 5	J 1
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	65	NA	ND< 10	ND< 10	ND< 10
Bicarbonate	1	mg/L	NA	410	NA	NA	410	390
Chloride	.1	mg/L	NA	48	NA	NA	53	50
Nitrate	.1	mg/L	NA	4.6	NA	NA	5.4	4.9
Sulfate	.2	mg/L	NA	210	NA	NA	240	220
TDS	10	mg/L	NA	790	NA	NA	880	870

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W05-10(A1) MOF-770 TRIP 07/13/89	W05-10(A1) MOF-765 07/13/89	W05-10(A1) MOF-594 TRIP 04/12/89	W05-10(A1) MOF-256 TRIP 11/03/88	W05-10(A1) MOF-255 11/03/88	W05-10(A1) MOF-176 10/14/88
Acetone	10	ug/L	J 2	J 1	BJ 4	ND< 10	ND< 10	ND< 10
Chloroform	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Chloromethane	10	ug/L	ND< 10	ND< 10	J 2	ND< 10	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 15	BJ 2	B 9	B 6	BJ 2	B 7
Toluene	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	J 2
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	ND< 10	NA	NA	B 210	ND< 10
Butyl benzyl phthalate	10	ug/L	NA	ND< 10	NA	NA	J 2	ND< 10
Di-n-butylphthalate	10	ug/L	NA	ND< 10	NA	NA	J 2	ND< 10
N-nitrosodiphenylamine	10					NA	J 2	ND< 10
Bicarbonate	1	mg/L	NA	NA	NA	NA	470	530
Chloride	.1	mg/L	NA	NA	NA	NA	40	44
Nitrate	.1	mg/L	NA	NA	NA	NA	1.5	1.7
Sulfate	.2	mg/L	NA	NA	NA	NA	100	110
TDS	10	mg/L	NA	NA	NA	NA	630	690

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number=>			W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)
Sample Number=>			MOF-595 MS	MOF-408	MOF-409	MOF-595 MSD	MOF-595	MOF-363
Sample Type=>			MS		TRIP	MSD		
Sample Date=>			04/12/89	01/06/89	01/06/89	04/12/89	04/12/89	12/08/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	NA	ND< 10	ND< 10	NA	BJ 6	ND< 10
Methylene chloride	5	ug/L	NA	ND< 5	ND< 5	NA	B 7	BJ 2
Bicarbonate	1	mg/L	NA	470	NA	NA	NA	470
Chloride	.1	mg/L	NA	36	NA	NA	NA	39
Nitrate	.1	mg/L	NA	1.3	NA	NA	NA	1.1
Sulfate	.2	mg/L	NA	96	NA	NA	NA	98
TDS	10	mg/L	NA	680	NA	NA	NA	690

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W05-14(A1) MOF-771 07/04/89	W05-14(A1) MOF-377 DUP 12/13/88	W05-14(A1) MOF-172 10/18/88	W05-14(A1) MOF-424 01/09/89	W05-14(A1) MOF-247 11/04/88	W05-14(A1) MOF-376 12/13/88
2-Butanone	10	ug/L	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	BJ 1
4-Methyl-2-pentanone	10	ug/L	ND< 10	ND< 10	36	ND< 10	ND< 10	ND< 10
Acetone	10	ug/L	B 27	BJ 5	BJ 3	ND< 10	ND< 10	BJ 5
Methylene chloride	5	ug/L	B 11	BJ 3	BJ 4	ND< 5	BJ 4	B 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	ND< 10	ND< 10	J 8	ND< 10
Bicarbonate	1	mg/L	NA	460	470	460	460	460
Chloride	.1	mg/L	NA	31	31	35	32	38
Nitrate	.1	mg/L	NA	1.0	.6	0.9	.76	1.0
Sulfate	.2	mg/L	NA	54	54	54	55	58
TDS	10	mg/L	NA	600	560	600	560	590

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-14(A1)	W05-14(A1)
Sample Number==========>			MOF-600	MOF-599
Sample Type==========>			FIELD	
Sample Date==========>			04/13/89	04/13/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ 3	BJ 4
Methylene chloride	5	ug/L	BJ 3	ND< 5

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W05-15(A1)	W05-15(A1)	W05-15(A1)	W05-15(A1)	W05-15(A1)	W05-15(A1)
Sample Number=====>			MOF-768	MOF-169	MOF-379	MOF-378	MOF-605	MOF-427
Sample Type=====>					TRIP		TRIP	
Sample Date=====>			07/14/89	10/17/88	12/13/88	12/13/88	04/14/89	10/01/89
Acetone	10	ug/L	B 19	B 31	B 13	BJ 5	BJ 4	BJ 4
Methylene chloride	5	ug/L	B 13	B 13	B 30	BJ 4	B 7	BJ 4
Toluene	5	ug/L	ND< 5	ND< 5	J 3	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	J 2	ND< 5	ND< 5	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	410	NA	440	NA	450
Chloride	.1	mg/L	NA	32	NA	33	NA	38
Nitrate	.1	mg/L	NA	.42	NA	4.1	NA	3.9
Sulfate	.2	mg/L	NA	100	NA	88	NA	85
TDS	10	mg/L	NA	660	NA	660	NA	680

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-15(A1)	W05-15(A1)	W05-15(A1)
Sample Number==========>			MOF-246	MOF-604	MOF-769
Sample Type==========>					TRIP
Sample Date==========>			11/03/88	04/14/89	07/14/89
Compounds	Quantitation limits	units			
Acetone	10	ug/L	BJ 2	BJ 2	B 15
Chloroform	5	ug/L	ND< 5	ND< 5	J 2
Methylene chloride	5	ug/L	BJ 2	B 5	B 56
Bicarbonate	1	mg/L	440	NA	NA
Chloride	.1	mg/L	36	NA	NA
Nitrate	.1	mg/L	4	NA	NA
Sulfate	.2	mg/L	94	NA	NA
TDS	10	mg/L	600	NA	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number=>			W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)
Sample Number=>			MOF-761	MOF-762	MOF-417	MOF-418	MOF-251	MOF-369
Sample Type=>				TRIP	SPLIT	TRIP		SPLIT
Sample Date=>			07/12/89	07/12/89	01/09/89	01/09/89	11/02/88	12/13/88
Compounds	Quantitation limits	units						
2-Butanone	10	ug/L	ND< 10	ND< 10	ND< 10	NA	ND< 10	BJ 2
4-Methyl-2-pentanone	10	ug/L	ND< 10	ND< 10	ND< 10	NA	10	ND< 10
Acetone	10	ug/L	J 1	J 2	ND< 10	NA	BJ 2	BJ 5
Methylene chloride	5	ug/L	B 6	B 13	ND< 5	NA	BJ 4	B 6
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	NA	ND< 10	NA	J 1	ND< 10
N-nitrosodiphenylamine	10		NA	NA	NA	NA	J 2	NA
Bicarbonate	1	mg/L	NA	NA	410	NA	440	430
Chloride	.1	mg/L	NA	NA	42	NA	58	44
Nitrate	.1	mg/L	NA	NA	2.3	NA	1.2	1.0
Sulfate	.2	mg/L	NA	NA	130	NA	170	140
TDS	10	mg/L	NA	NA	680	NA	690	700

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)
Sample Number==========>			MOF-370	MOF-577	MOF-173	MOF-576
Sample Type==========>			TRIP	TRIP		
Sample Date==========>			12/13/88	04/07/89	10/18/88	04/07/89
Compounds	Quantitation limits	units				
4-Methyl-2-pentanone	10	ug/L	NA	ND< 10	15	ND< 10
Acetone	10	ug/L	NA	BJ 4	BJ 2	BJ 5
Methylene chloride	5	ug/L	NA	B 6	B 12	B 9
Bicarbonate	1	mg/L	NA	NA	450	NA
Chloride	.1	mg/L	NA	NA	43	NA
Nitrate	.1	mg/L	NA	NA	.85	NA
Sulfate	.2	mg/L	NA	NA	160	NA
TDS	10	mg/L	NA	NA	620	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)
Sample Number==========>			MOF-760	MOF-365	MOF-226	MOF-224	MOF-410	MOF-166
Sample Type==========>			TRIP		TRIP			
Sample Date==========>			07/11/89	12/09/88	11/02/88	11/02/88	01/06/89	10/14/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 5	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 58	ND< 5	B 8	BJ 3	ND< 5	B 9
Tetrachloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	J 4
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	J 2
Bicarbonate	1	mg/L	NA	480	NA	490	470	530
Chloride	.1	mg/L	NA	46	NA	50	46	50
Nitrate	.1	mg/L	NA	2.9	NA	2.9	3.3	2.5
Sulfate	.2	mg/L	NA	170	NA	190	180	180
TDS	10	mg/L	NA	820	NA	790	850	840

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========>			W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)
Sample Number==========>			MOF-225	MOF-753	MOF-578	MOF-579
Sample Type==========>			DUP			DUP
Sample Date==========>			11/02/88	07/11/89	04/10/89	04/10/89
Compounds	Quantitation limits	units				
Acetone	10	ug/L	ND< 10	BJ 3	ND< 10	ND< 10
Methylene chloride	5	ug/L	BJ 2	B 13	B 5	B 5
1,4 Dichlorobenzene	10	ug/L	J 7	ND< 10	ND< 10	ND< 10
2-Chlorophenol	10	ug/L	J 3	ND< 10	ND< 10	ND< 10
4-Chloro-3-methylphenol	10	ug/L	J 3	ND< 10	ND< 10	ND< 10
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 4	ND< 10	J 3	22
N-nitrosodiphenylamine	10	ug/L	J 3			
Pentachlorophenol	50	ug/L	BJ 14	ND< 50	ND< 50	ND< 50
Phenol	10	ug/L	J 4	ND< 10	ND< 10	ND< 10
Bicarbonate	1	mg/L	510	NA	NA	NA
Chloride	.1	mg/L	49	NA	NA	NA
Nitrate	.1	mg/L	2.7	NA	NA	NA
Sulfate	.2	mg/L	160	NA	NA	NA
TDS	10	mg/L	790	NA	NA	NA
TPHC	.25	mg/L	300	ND< 0.25	ND< 0.25	ND< 0.25

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W05-18(A1)	W05-18(A1)	W05-18(A1)	W05-18(A1)	W05-18(A1)	W05-18(A1)
Sample Number=====>			MOF-755	MOF-179	MOF-252	MOF-178	MOF-368	MOF-423
Sample Type=====>				SPLIT		TRIP		TRIP
Sample Date=====>			07/11/89	10/18/88	11/02/88	10/18/88	12/12/88	01/09/89
Acetone	10	ug/L	BJ 8	BJ 2	BJ 3	NA	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 15	B 10	BJ 2	NA	ND< 5	B 38
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	NA	ND< 5	J 4
Pentachlorophenol	50	ug/L	ND< 50	ND< 50	BJ 4	NA	ND< 50	NA
Bicarbonate	1	mg/L	NA	420	410	NA	410	NA
Chloride	.1	mg/L	NA	46	57	NA	43	NA
Nitrate	.1	mg/L	NA	7	7.6	NA	6.4	NA
Sulfate	.2	mg/L	NA	150	180	NA	140	NA
TDS	10	mg/L	NA	700	720	NA	720	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number			W05-18(A1)	W05-18(A1)	W05-18(A1)
Sample Number			MOF-569	MOF-570	MOF-422
Sample Type				DUP	
Sample Date			04/07/89	04/07/89	01/09/89
Compounds	Quantitation limits	units			
Acetone	10	ug/L	ND< 10	BJ 4	ND< 10
Methylene chloride	5	ug/L	B 5	BJ 4	ND< 5
Bicarbonate	1	mg/L	NA	NA	410
Chloride	.1	mg/L	NA	NA	46
Nitrate	.1	mg/L	NA	NA	7.4
Sulfate	.2	mg/L	NA	NA	150
TDS	10	mg/L	NA	NA	750

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W05-19(A1) MOF-754 07/11/89	W05-19(A1) MOF-582 TRIP 04/10/89	W05-19(A1) MOF-367 12/12/88	W05-19(A1) MOF-177 10/14/88	W05-19(A1) MOF-240 11/02/88	W05-19(A1) MOF-407 01/05/89
Acetone	10	ug/L	B 10	BJ 8	ND< 10	ND< 10	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 15	B 21	B 5	B 9	BJ 4	ND< 5
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	J 2	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	NA	390	390	410	390
Chloride	.1	mg/L	NA	NA	39	43	44	42
Nitrate	.1	mg/L	NA	NA	2.8	2.8	3.2	3.2
Sulfate	.2	mg/L	NA	NA	150	190	190	160
TDS	10	mg/L	NA	NA	700	720	750	710

Summary of Detected Chemicals
Site 5 Water Samples by Well (Organics)

Well Number==========> W05-19(A1)
Sample Number==========> MOF-581
Sample Type==========>
Sample Date==========> 04/10/89

Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ	9
Methylene chloride	5	ug/L	B	19

Inorganic Data

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units					
Well Number=====>			W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)
Sample Number=====>			MOF-773	MOF-591	MOF-592	MOF-426	MOF-425	MOF-258
Sample Type=====>					TRIP	DUP		TRIP
Sample Date=====>			07/17/89	04/11/89	04/11/89	01/10/89	01/10/89	11/04/88
Aluminum	200	ug/L	J 72.9	J 31.3	NA	ND< 3.2	ND< 3.2	NA
Antimony	60	ug/L	ND< 37.0	J 56.5	NA	ND< 25.0	ND< 25.0	NA
Arsenic	10	ug/L	J 2.2	J 4.2	NA	J 2.6	J 2.8	NA
Barium	200	ug/L	J 95.0	J 71.7	NA	J 64.2	J 68.2	NA
Calcium	5000	ug/L	35100	29800	NA	34100	33700	NA
Iron	100	ug/L	137	J 58.0	NA	104	104	NA
Magnesium	5000	ug/L	24600	20900	NA	26600	26200	NA
Manganese	15	ug/L	221	173	NA	205	203	NA
Potassium	5000	ug/L	J 3830	ND< 422	NA	ND< 422	J 606	NA
Silver	10	ug/L	ND< 3.0	J 3.5	NA	ND< 3.2	ND< 3.2	NA
Sodium	5000	ug/L	81400	72200	NA	74100	73300	NA
Thallium	10	ug/L	ND< 1.0	ND< 1.0	NA	J 1.4	J 1.1	NA
Vanadium	50	ug/L	J 14.4	ND< 2.9	NA	ND< 7.0	ND< 7.0	NA
Zinc	20	ug/L	ND< 5.9	ND< 3.0	NA	J 6.5	ND< 3.0	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)	W05-04(A2)
Sample Number==========>			MOF-187	MOF-186	MOF-257	MOF-355	MOF-354
Sample Type==========>			DUP			TRIP	
Sample Date==========>			10/17/88	10/17/88	11/04/88	12/09/88	12/09/88
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	J 21.1	ND< 5	ND< 5	NA	ND< 5.0
Antimony	60	ug/L	J 39.8	J 46.4	J 50.3	NA	J 40.9
Barium	200	ug/L	J 65.9	J 60.8	J 68.1	NA	J 65.8
Beryllium	5	ug/L	ND< .6	ND< .6	ND< .6	NA	J 0.87
Calcium	5000	ug/L	32700	32000	33700	NA	34000
Cobalt	50	ug/L	ND< 5	ND< 5	ND< 5	NA	J 5.5
Iron	100	ug/L	120	146	106	NA	138
Magnesium	5000	ug/L	25300	24600	25300	NA	25900
Manganese	15	ug/L	200	188	217	NA	196
Mercury	.2	ug/L	ND< .2	ND< .2	1.1	NA	ND< 0.2
Nickel	40	ug/L	ND< 8	ND< 8	J 8.2	NA	ND< 8.0
Potassium	5000	ug/L	J 1260	J 938	ND< 540	NA	J 559
Silver	10	ug/L	J 4.1	ND< 3	ND< 3	NA	ND< 3.0
Sodium	5000	ug/L	72700	74800	77100	NA	79800
Thallium	10	ug/L	J 2.2	ND< 2	ND< 2	NA	ND< 2.0
Vanadium	50	ug/L	J 5.2	ND< 4	ND< 4	NA	ND< 4.0
Zinc	20	ug/L	ND< 2	ND< 2	ND< 2	NA	J 2.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)
Sample Number==========>			MOF-772	MOF-420	MOF-774	MOF-274	MOF-171	MOF-170
Sample Type==========>					TRIP	TRIP	TRIP	
Sample Date==========>			07/17/89	01/10/89	07/17/89	11/07/88	10/18/88	10/18/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 76.3	ND< 3.2	NA	NA	NA	J 55
Arsenic	10	ug/L	J 7.1	J 9.6	NA	NA	NA	ND< 7
Barium	200	ug/L	J 80.0	J 57.1	NA	NA	NA	J 61.3
Beryllium	5	ug/L	ND< 1.7	ND< 0.50	NA	NA	NA	J 1.2
Calcium	5000	ug/L	29800	29900	NA	NA	NA	30400
Iron	100	ug/L	J 84.1	J 80.9	NA	NA	NA	J 75.5
Lead	5	ug/L	ND< 1.9	ND< 1.4	NA	NA	NA	7.5
Magnesium	5000	ug/L	11200	12200	NA	NA	NA	13200
Manganese	15	ug/L	126	132	NA	NA	NA	71
Potassium	5000	ug/L	5080	ND< 422	NA	NA	NA	J 2490
Sodium	5000	ug/L	66000	61800	NA	NA	NA	68500
Thallium	10	ug/L	ND< 1.0	J 1.2	NA	NA	NA	J 2.1
Vanadium	50	ug/L	J 11.7	ND< 7.0	NA	NA	NA	ND< 4
Zinc	20	ug/L	38.6	ND< 3.0	NA	NA	NA	J 2.4

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)	W05-05(C)
Sample Number==========>			MOF-275	MOF-273	MOF-436	MOF-366	MOF-568	MOF-567
Sample Type==========>			TRIP	SPLIT	TRIP		TRIP	
Sample Date==========>			11/07/88	11/07/88	01/10/89	12/14/88	04/06/89	04/06/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	J 32.1	NA	J 11.4	NA	J 45.0
Arsenic	10	ug/L	NA	ND< 7	NA	J 8.2	NA	J 9.2
Barium	200	ug/L	NA	J 61.3	NA	J 67.4	NA	J 68.7
Calcium	5000	ug/L	NA	28000	NA	28900	NA	28000
Iron	100	ug/L	NA	J 37.8	NA	106	NA	110
Magnesium	5000	ug/L	NA	13200	NA	11000	NA	10800
Manganese	15	ug/L	NA	114	NA	127	NA	119
Nickel	40	ug/L	NA	J 10.5	NA	ND< 8.0	NA	ND< 8.6
Potassium	5000	ug/L	NA	J 3890	NA	J 3480	NA	J 3070
Silver	10	ug/L	NA	ND< 3	NA	ND< 3.0	NA	J 6.0
Sodium	5000	ug/L	NA	65400	NA	60400	NA	62000
Thallium	10	ug/L	NA	ND< 2	NA	ND< 2.0	NA	J 2.4
Vanadium	50	ug/L	NA	ND< 4	NA	ND< 4.0	NA	J 3.9
Zinc	20	ug/L	NA	J 4.8	NA	J 3.1	NA	ND< 3.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-06(A1)	W05-06(A1)	W05-06(A1)	W05-06(A1)	W05-06(A1)	W05-06(A1)
Sample Number			MOF-767	MOF-344MSD	MOF-344MS	MOF-344	MOF-345	MOF-596
Sample Type				MSD	MS		TRIP	
Sample Date			07/13/89	12/12/88	12/12/88	12/12/88	12/12/88	04/12/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 84.5	NA	NA	ND< 5.0	NA	ND< 13.0
Antimony	60	ug/L	ND< 37.0	NA	NA	J 40	NA	J 39.4
Arsenic	10	ug/L	ND< 2.0	NA	NA	ND< 7.0	NA	J 6.7
Barium	200	ug/L	J 150	NA	NA	J 124	NA	J 148
Beryllium	5	ug/L	ND< 1.7	NA	NA	J 1.6	NA	ND< 0.50
Calcium	5000	ug/L	55000	NA	NA	55400	NA	53000
Iron	100	ug/L	1520	NA	NA	1490	NA	1560
Magnesium	5000	ug/L	40800	NA	NA	42800	NA	41300
Manganese	15	ug/L	892	NA	NA	845	NA	856
Potassium	5000	ug/L	J 2340	NA	NA	ND< 540	NA	ND< 422
Silver	10	ug/L	J 4.2	NA	NA	ND< 3.0	NA	ND< 3.2
Sodium	5000	ug/L	52700	NA	NA	51200	NA	52900
Thallium	10	ug/L	ND< 1.0	NA	NA	ND< 2.0	NA	J 2.9
Vanadium	50	ug/L	J 13.8	NA	NA	ND< 4.0	NA	ND< 2.9
Zinc	20	ug/L	ND< 5.9	NA	NA	J 2.3	NA	ND< 3.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-06(A1)	W05-06(A1)	W05-06(A1)
Sample Number			MOF-245	MOF-419	MOF-188
Sample Type					
Sample Date			11/03/88	01/09/89	10/17/88
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	ND< 5	ND< 3.2	J 15.9
Antimony	60	ug/L	82.4	ND< 60	71.8
Arsenic	10	ug/L	ND< 7	J 5.4	ND< 7
Barium	200	ug/L	J 119	J 109	J 115
Calcium	5000	ug/L	55100	55900	56900
Iron	100	ug/L	1540	942	961
Magnesium	5000	ug/L	42300	44800	44800
Manganese	15	ug/L	923	842	929
Nickel	40	ug/L	ND< 8	J 13.3	ND< 8
Potassium	5000	ug/L	ND< 540	ND< 422	J 712
Silver	10	ug/L	ND< 3	ND< 3.2	J 6.4
Sodium	5000	ug/L	51100	50400	51300
Thallium	10	ug/L	ND< 2	ND< 1.0	J 2.1
Zinc	20	ug/L	ND< 2	J 3.1	ND< 2

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-07(A1)	W05-07(A1)	W05-07(A1)	W05-07(A1)	W05-07(A1)	W05-07(A1)
Sample Number==========>			MOF-763	MOF-764	MOF-580	MOF-254	MOF-253	MOF-175
Sample Type==========>				DUP		DUP		TRIP
Sample Date==========>			07/12/89	07/12/89	04/10/89	11/03/88	11/03/88	10/19/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 65.3	J 78.3	J 13.7	ND< 5	ND< 5	NA
Antimony	60	ug/L	ND< 37.0	ND< 37.0	79.2	ND< 67.5	115	NA
Arsenic	10	ug/L	ND< 2.0	ND< 2.0	J 1.5	ND< 7	ND< 7	NA
Barium	200	ug/L	J 111	J 116	J 94.3	J 94.7	J 92.9	NA
Calcium	5000	ug/L	85000	86400	80600	ND< 90900	88700	NA
Iron	100	ug/L	322	274	249	ND< 223	231	NA
Magnesium	5000	ug/L	61100	60600	54200	ND< 63700	59100	NA
Manganese	15	ug/L	67.0	61.3	83.0	ND< 92.7	94.5	NA
Mercury	.2	ug/L	ND< 0.10	J 0.15	ND< 0.1	ND< 1.004	ND< .2	NA
Potassium	5000	ug/L	J 1830	J 2390	J 684	ND< 540	ND< 540	NA
Silver	10	ug/L	ND< 3.0	J 4.1	ND< 3.2	ND< 3	ND< 3	NA
Sodium	5000	ug/L	70200	70100	65100	ND< 67000	66700	NA
Vanadium	50	ug/L	J 12.2	J 14.3	ND< 2.9	ND< 4	ND< 4	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-07(A1)	W05-07(A1)	W05-07(A1)
Sample Number			MOF-174	MOF-421	MOF-364
Sample Type					
Sample Date			10/19/88	01/06/89	12/09/88
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	ND< 5	J 55.8	ND< 5.0
Antimony	60	ug/L	66.4	ND< 24.0	79.8
Barium	200	ug/L	J 78.8	J 103	J 88.5
Beryllium	5	ug/L	ND< .6	J 0.90	ND< 0.60
Calcium	5000	ug/L	89300	89800	91400
Iron	100	ug/L	240	225	230
Magnesium	5000	ug/L	63700	54800	63400
Manganese	15	ug/L	152	80.5	93.3
Mercury	.2	ug/L	ND< .2	ND< 0.2	0.2
Potassium	5000	ug/L	ND< 540	J 1760	ND< 540
Sodium	5000	ug/L	69400	66400	73000
Vanadium	50	ug/L	ND< 4	J 8.9	ND< 4.0
Zinc	20	ug/L	J 2.4	ND< 2.0	ND< 2.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-08(A1)	W05-08(A1)	W05-08(A1)	W05-08(A1)	W05-08(A1)	W05-08(A1)
Sample Number			MOF-766	MOF-362	MOF-593	MOF-163	MOF-165	MOF-164
Sample Type							TRIP	DUP
Sample Date			07/13/89	12/08/88	04/11/89	10/14/88	10/14/88	10/14/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 73.5	J 23.6	ND< 13.0	ND< 5	NA	ND< 5
Antimony	60	ug/L	ND< 37.0	60	J 58.5	86.4	NA	70.6
Barium	200	ug/L	J 132	J 113	J 135	J 106	NA	J 106
Cadmium	5	ug/L	ND< 3.9	6.0	6.0	ND< 5	NA	ND< 5
Calcium	5000	ug/L	70600	74700	70500	74200	NA	73700
Iron	100	ug/L	273	765	281	892	NA	647
Magnesium	5000	ug/L	51800	55300	49900	47200	NA	46800
Manganese	15	ug/L	285	238	310	368	NA	367
Mercury	.2	ug/L	J 0.15	ND< 0.2	ND< 0.1	ND< .2	NA	ND< .2
Potassium	5000	ug/L	J 2760	J 1600	ND< 422	J 684	NA	ND< 540
Selenium	5	ug/L	15.3	12.5	17.0	13.7	NA	12.5
Silver	10	ug/L	ND< 3.0	J 3.9	ND< 3.2	ND< 3	NA	3
Sodium	5000	ug/L	72300	74000	69000	77900	NA	77100
Vanadium	50	ug/L	J 15.0	ND< 4.0	ND< 2.9	ND< 4	NA	ND< 4
Zinc	20	ug/L	ND< 5.9	ND< 2.0	ND< 3.0	J 5.1	NA	J 3.5

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-08(A1)	W05-08(A1)
Sample Number			MOF-248	MOF-415
Sample Type				
Sample Date			11/04/88	01/05/89
Compounds	Quantitation limits	units		
Aluminum	200	ug/L	ND< 5	J 35.1
Antimony	60	ug/L	77.4	J 28
Barium	200	ug/L	J 122	J 115
Beryllium	5	ug/L	J .89	J 0.90
Calcium	5000	ug/L	75400	74300
Iron	100	ug/L	767	320
Lead	5	ug/L	J 4.9	ND< 3.0
Magnesium	5000	ug/L	54600	49100
Manganese	15	ug/L	374	195
Mercury	.2	ug/L	1.2	ND< 0.2
Potassium	5000	ug/L	ND< 540	J 1410
Silver	10	ug/L	ND< 3	J 4.0
Sodium	5000	ug/L	76800	68000
Zinc	20	ug/L	ND< 2	J 2.4

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)
Sample Number==========>			MOF-775	MOF-167MSD	MOF-168	MOF-167MS	MOF-775 MSD	MOF-428
Sample Type==========>				MSD	TRIP	MS	MSD	
Sample Date==========>			07/18/89	10/17/88	10/17/88	10/17/88	07/18/89	01/11/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 83.5	NA	NA	NA	NA	ND< 13.0
Barium	200	ug/L	J 26.9	NA	NA	NA	NA	J 19.5
Calcium	5000	ug/L	55900	NA	NA	NA	NA	131000
Iron	100	ug/L	434	NA	NA	NA	NA	193
Magnesium	5000	ug/L	27700	NA	NA	NA	NA	70000
Manganese	15	ug/L	35.7	NA	NA	NA	NA	76.2
Potassium	5000	ug/L	J 4400	NA	NA	NA	NA	ND< 422
Sodium	5000	ug/L	49400	NA	NA	NA	NA	86600
Thallium	10	ug/L	ND< 1.0	NA	NA	NA	NA	J 1.2
Vanadium	50	ug/L	J 20.5	NA	NA	NA	NA	ND< 2.9

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)	W05-09(A1)
Sample Number			MOF-598	MOF-259	MOF-775 MS	MOF-597	MOF-371	MOF-167
Sample Type			TRIP		MS			
Sample Date			04/13/89	11/04/88	07/18/89	04/13/89	12/13/88	10/17/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	ND< 5	NA	ND< 13.0	J 7.2	J 14.5
Antimony	60	ug/L	NA	95.9	NA	J 35.9	120	95.7
Barium	200	ug/L	NA	J 37.2	NA	J 48.6	J 43.9	J 42.8
Beryllium	5	ug/L	NA	J 1.5	NA	ND< 0.50	ND< 0.60	ND< .6
Calcium	5000	ug/L	NA	118000	NA	90500	127000	115000
Iron	100	ug/L	NA	141	NA	217	176	184
Magnesium	5000	ug/L	NA	61300	NA	46700	66400	62900
Manganese	15	ug/L	NA	93.5	NA	33.9	79.0	130
Mercury	.2	ug/L	NA	.5	NA	ND< 0.1	ND< 0.2	ND< .2
Potassium	5000	ug/L	NA	ND< 540	NA	J 529	J 565	J 1260
Silver	10	ug/L	NA	ND< 3	NA	ND< 3.2	ND< 3.0	J 3.2
Sodium	5000	ug/L	NA	89200	NA	77800	88200	84900
Vanadium	50	ug/L	NA	ND< 4	NA	J 6.8	ND< 4.0	J 4.4
Zinc	20	ug/L	NA	ND< 2	NA	ND< 3.0	J 3.3	J 4.7

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)
Sample Number==========>			MOF-770	MOF-765	MOF-594	MOF-256	MOF-255	MOF-176
Sample Type==========>			TRIP		TRIP	TRIP		
Sample Date==========>			07/13/89	07/13/89	04/12/89	11/03/88	11/03/88	10/14/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	J 61.0	NA	NA	ND< 5	ND< 5
Antimony	60	ug/L	NA	ND< 37.0	NA	NA	87.1	84.1
Barium	200	ug/L	NA	J 178	NA	NA	J 167	J 163
Calcium	5000	ug/L	NA	85500	NA	NA	91800	90300
Iron	100	ug/L	NA	1140	NA	NA	439	348
Magnesium	5000	ug/L	NA	60300	NA	NA	65700	54800
Manganese	15	ug/L	NA	180	NA	NA	391	444
Mercury	.2	ug/L	NA	0.42	NA	NA	.4	ND< .2
Potassium	5000	ug/L	NA	J 1660	NA	NA	ND< 540	J 1300
Sodium	5000	ug/L	NA	71300	NA	NA	73900	74700
Vanadium	50	ug/L	NA	J 9.2	NA	NA	ND< 4	ND< 4
Zinc	20	ug/L	NA	ND< 5.9	NA	NA	J 2.1	ND< 2

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units						
Well Number==========>			W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)	W05-10(A1)
Sample Number==========>			MOF-595 MS	MOF-408	MOF-409	MOF-595 MSD	MOF-595	MOF-363
Sample Type==========>			MS		TRIP	MSD		
Sample Date==========>			04/12/89	01/06/89	01/06/89	04/12/89	04/12/89	12/08/88
Aluminum	200	ug/L	NA	ND< 5.0	NA	NA	J 20.1	ND< 5.0
Antimony	60	ug/L	NA	ND< 24.0	NA	NA	ND< 25.0	70
Barium	200	ug/L	NA	J 172	NA	NA	J 183	J 170
Calcium	5000	ug/L	NA	87800	NA	NA	83900	90800
Iron	100	ug/L	NA	557	NA	NA	1630	528
Lead	5	ug/L	NA	ND< 3.0	NA	NA	J 1.5	ND< 3.0
Magnesium	5000	ug/L	NA	54500	NA	NA	61200	63500
Manganese	15	ug/L	NA	271	NA	NA	192	279
Potassium	5000	ug/L	NA	ND< 540	NA	NA	J 1120	ND< 540
Silver	10	ug/L	NA	ND< 3.0	NA	NA	J 6.6	ND< 3.0
Sodium	5000	ug/L	NA	73200	NA	NA	78600	76200
Thallium	10	ug/L	NA	ND< 2.0	NA	NA	J 2.9	ND< 2.0
Vanadium	50	ug/L	NA	ND< 4.0	NA	NA	J 6.3	ND< 4.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-14(A1)	W05-14(A1)	W05-14(A1)	W05-14(A1)	W05-14(A1)	W05-14(A1)
Sample Number			MOF-771	MOF-377	MOF-172	MOF-424	MOF-247	MOF-376
Sample Type				DUP				
Sample Date			07/04/89	12/13/88	10/18/88	01/09/89	11/04/88	12/13/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 13.4	J 23.9	ND< 5	ND< 3.2	ND< 5	J 21.4
Antimony	60	ug/L	ND< 37.0	80	67	ND< 25.0	87.7	90
Barium	200	ug/L	J 130	J 104	J 93.8	J 96.1	J 96.8	J 103
Beryllium	5	ug/L	ND< 1.7	J 0.68	ND< .6	ND< 0.50	ND< .6	J 0.65
Calcium	5000	ug/L	77000	78600	80400	77200	78700	79000
Iron	100	ug/L	957	1400	1000	1540	1130	1570
Magnesium	5000	ug/L	53400	55700	58600	56900	55100	55900
Manganese	15	ug/L	854	908	980	846	987	896
Mercury	.2	ug/L	0.33	ND< 0.2	ND< .2	J 0.1	.9	ND< 0.2
Nickel	40	ug/L	ND< 13.2	ND< 8.0	ND< 8	ND< 8.6	J 10.2	ND< 8.0
Potassium	5000	ug/L	ND< 416	J 565	ND< 540	ND< 422	ND< 540	ND< 540
Silver	10	ug/L	ND< 3.0	J 3.9	ND< 3	ND< 3.2	ND< 3	J 3.9
Sodium	5000	ug/L	70200	70700	75200	70500	75200	71000
Thallium	10	ug/L	ND< 1.0	ND< 2.0	J 2	J 1.0	ND< 2	ND< 2.0
Vanadium	50	ug/L	J 3.0	ND< 4.0	ND< 4	ND< 7.0	ND< 4	ND< 4.0
Zinc	20	ug/L	J 14.9	J 2.3	J 2.8	ND< 3.0	ND< 2	ND< 2.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-14(A1)	W05-14(A1)
Sample Number==========>			MOF-600	MOF-599
Sample Type==========>			FIELD	
Sample Date==========>			04/13/89	04/13/89
Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J 46.9	ND< 13.0
Antimony	60	ug/L	J 29.1	108
Arsenic	10	ug/L	ND< 1.4	J 1.8
Barium	200	ug/L	J 12.7	J 130
Calcium	5000	ug/L	J 46.0	74500
Iron	100	ug/L	J 5.9	1140
Magnesium	5000	ug/L	ND< 141	51500
Manganese	15	ug/L	ND< 1.7	803
Potassium	5000	ug/L	J 1860	ND< 422
Silver	10	ug/L	J 9.5	ND< 3.2
Sodium	5000	ug/L	J 24.8	73100
Vanadium	50	ug/L	J 9.1	ND< 2.9
Zinc	20	ug/L	J 10.4	ND< 3.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-15(A1)	W05-15(A1)	W05-15(A1)	W05-15(A1)	W05-15(A1)	W05-15(A1)
Sample Number			MOF-768	MOF-169	MOF-379	MOF-378	MOF-605	MOF-427
Sample Type					TRIP		TRIP	
Sample Date			07/14/89	10/17/88	12/13/88	12/13/88	04/14/89	10/01/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 13.4	ND< 5	NA	J 33.0	NA	ND< 3.2
Antimony	60	ug/L	ND< 37.0	82.4	NA	90	NA	ND< 25.0
Arsenic	10	ug/L	J 5.8	ND< 7	NA	ND< 7.0	NA	ND< 2.1
Barium	200	ug/L	J 59.6	J 32.1	NA	J 34.6	NA	J 18.8
Calcium	5000	ug/L	91200	86500	NA	88400	NA	90300
Iron	100	ug/L	251	106	NA	155	NA	134
Magnesium	5000	ug/L	55300	61000	NA	58600	NA	60200
Manganese	15	ug/L	51.3	84.3	NA	73.2	NA	77.4
Mercury	.2	ug/L	ND< 0.10	ND< .2	NA	ND< 0.2	NA	J 0.1
Potassium	5000	ug/L	ND< 416	J 2440	NA	J 1640	NA	ND< 422
Silver	10	ug/L	ND< 3.0	ND< 3	NA	J 3.9	NA	ND< 3.2
Sodium	5000	ug/L	72800	72100	NA	71800	NA	71600
Thallium	10	ug/L	ND< 1.0	ND< 2	NA	ND< 2.0	NA	J 1.2
Vanadium	50	ug/L	ND< 1.7	ND< 4	NA	J 6.1	NA	ND< 7.0
Zinc	20	ug/L	ND< 5.9	ND< 2	NA	J 2.5	NA	ND< 3.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-15(A1)		W05-15(A1)		W05-15(A1)
Sample Number			MOF-246		MOF-604		MOF-769
Sample Type							TRIP
Sample Date			11/03/88		04/14/89		07/14/89
Compounds	Quantitation limits	units					
Antimony	60	ug/L		80.2		166	NA
Barium	200	ug/L	J	23.4	J	54.3	NA
Calcium	5000	ug/L		66000		87600	NA
Iron	100	ug/L		182		189	NA
Magnesium	5000	ug/L		44100		52900	NA
Manganese	15	ug/L		72.2		61.1	NA
Mercury	.2	ug/L		.4	ND<	0.1	NA
Potassium	5000	ug/L	J	649	ND<	422	NA
Sodium	5000	ug/L		55300		75600	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)
Sample Number			MOF-761	MOF-762	MOF-417	MOF-418	MOF-251	MOF-369
Sample Type				TRIP	SPLIT	TRIP		SPLIT
Sample Date			07/12/89	07/12/89	01/09/89	01/09/89	11/02/88	12/13/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 114	NA	ND< 3.2	NA	ND< 5	ND< 5.0
Antimony	60	ug/L	ND< 37.0	NA	ND< 60	NA	96.4	90
Barium	200	ug/L	J 162	NA	J 114	NA	J 115	J 122
Calcium	5000	ug/L	99400	NA	95900	NA	101000	100000
Iron	100	ug/L	116	NA	J 25.9	NA	264	118
Magnesium	5000	ug/L	65200	NA	65400	NA	67000	67500
Manganese	15	ug/L	1080	NA	785	NA	1030	956
Mercury	.2	ug/L	ND< 0.10	NA	J 0.1	NA	ND< .2	ND< 0.2
Potassium	5000	ug/L	J 3120	NA	ND< 422	NA	ND< 540	ND< 540
Silver	10	ug/L	J 9.5	NA	ND< 3.2	NA	ND< 3	ND< 3.0
Sodium	5000	ug/L	69100	NA	60400	NA	65100	66000
Vanadium	50	ug/L	J 20.0	NA	ND< 7.0	NA	ND< 4	ND< 4.0
Zinc	20	ug/L	ND< 5.9	NA	J 6.5	NA	ND< 2	ND< 2.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========>			W05-16(A1)	W05-16(A1)	W05-16(A1)	W05-16(A1)
Sample Number==========>			MOF-370	MOF-577	MOF-173	MOF-576
Sample Type==========>			TRIP	TRIP		
Sample Date==========>			12/13/88	04/07/89	10/18/88	04/07/89
Compounds	Quantitation limits	units				
Antimony	60	ug/L	NA	NA	89	J 29.0
Arsenic	10	ug/L	NA	NA	ND< 7	J 1.4
Barium	200	ug/L	NA	NA	J 103	J 142
Calcium	5000	ug/L	NA	NA	104000	94700
Iron	100	ug/L	NA	NA	242	J 42.4
Magnesium	5000	ug/L	NA	NA	71600	61700
Manganese	15	ug/L	NA	NA	1050	895
Sodium	5000	ug/L	NA	NA	66000	63100
Thallium	10	ug/L	NA	NA	J 2.2	J 2.4

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)
Sample Number			MOF-760	MOF-365	MOF-226	MOF-224	MOF-410	MOF-166
Sample Type			TRIP		TRIP			
Sample Date			07/11/89	12/09/88	11/02/88	11/02/88	01/06/89	10/14/88
Compounds	Quantitation limits	units						
Antimony	60	ug/L	NA	87.7	NA	91.4	ND< 24.0	90.8
Barium	200	ug/L	NA	J 42.4	NA	J 27	48.8	ND< 7
Calcium	5000	ug/L	NA	132000	NA	135000	130000	134000
Iron	100	ug/L	NA	693	NA	957	742	1210
Magnesium	5000	ug/L	NA	67000	NA	65000	59000	58800
Manganese	15	ug/L	NA	707	NA	747	703	818
Nickel	40	ug/L	NA	8.0	NA	ND< 8	ND< 8.0	ND< 8
Potassium	5000	ug/L	NA	ND< 540	NA	J 1500	ND< 540	J 1270
Sodium	5000	ug/L	NA	82600	NA	78000	75200	78200
Zinc	20	ug/L	NA	ND< 2.0	NA	J 2	ND< 2.0	J 3.2

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-17(A1)	W05-17(A1)	W05-17(A1)	W05-17(A1)
Sample Number			MOF-225	MOF-753	MOF-578	MOF-579
Sample Type			DUP			DUP
Sample Date			11/02/88	07/11/89	04/10/89	04/10/89
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	ND< 5	J 19.6	ND< 13.0	ND< 13.0
Antimony	60	ug/L	120	ND< 37.0	ND< 25.0	J 31.0
Arsenic	10	ug/L	ND< 7	ND< 2.0	J 2.4	J 1.4
Barium	200	ug/L	J 34.1	J 55.8	J 54.1	J 54.2
Cadmium	5	ug/L	ND< 5	ND< 3.9	J 4.8	6.1
Calcium	5000	ug/L	142000	120000	122000	121000
Iron	100	ug/L	1190	659	815	850
Magnesium	5000	ug/L	69700	61900	58800	58500
Manganese	15	ug/L	879	761	832	853
Potassium	5000	ug/L	ND< 540	J 880	ND< 422	ND< 422
Selenium	5	ug/L	ND< 3	J 4.2	ND< 2.5	ND< 2.5
Sodium	5000	ug/L	97200	74300	75400	74700
Vanadium	50	ug/L	ND< 4	J 3.6	ND< 2.9	ND< 2.9

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-18(A1)	W05-18(A1)	W05-18(A1)	W05-18(A1)	W05-18(A1)	W05-18(A1)
Sample Number			MOF-755	MOF-179	MOF-252	MOF-178	MOF-368	MOF-423
Sample Type				SPLIT		TRIP		TRIP
Sample Date			07/11/89	10/18/88	11/02/88	10/18/88	12/12/88	01/09/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 88.6	ND< 5	ND< 5	NA	ND< 5.0	NA
Antimony	60	ug/L	ND< 37.0	67.8	88.7	NA	J 47	NA
Barium	200	ug/L	J 95.7	J 77.2	J 75.1	NA	J 67.3	NA
Beryllium	5	ug/L	ND< 1.7	ND< .6	ND< .6	NA	J 1.2	NA
Calcium	5000	ug/L	101000	110000	101000	NA	97900	NA
Iron	100	ug/L	J 54.6	J 59.2	J 71.4	NA	J 50.8	NA
Magnesium	5000	ug/L	62800	68000	65100	NA	66200	NA
Manganese	15	ug/L	536	467	414	NA	394	NA
Potassium	5000	ug/L	J 2790	ND< 540	ND< 540	NA	ND< 540	NA
Selenium	5	ug/L	ND< 2.1	ND< 3	J 3	NA	J 3.0	NA
Silver	10	ug/L	J 7.2	ND< 3	ND< 3	NA	ND< 3.0	NA
Sodium	5000	ug/L	71900	70000	70200	NA	70900	NA
Vanadium	50	ug/L	J 15.1	ND< 4	ND< 4	NA	ND< 4.0	NA
Zinc	20	ug/L	ND< 5.9	J 2.4	J 3.6	NA	J 2.5	NA

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-18(A1)	W05-18(A1)	W05-18(A1)
Sample Number			MOF-569	MOF-570	MOF-422
Sample Type				DUP	
Sample Date			04/07/89	04/07/89	01/09/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	J 36.2	J 37.8	ND< 3.2
Antimony	60	ug/L	ND< 25.0	69.8	ND< 60
Barium	200	ug/L	J 87.5	J 93.8	J 55.5
Cadmium	5	ug/L	ND< 3.7	5.2	ND< 3.7
Calcium	5000	ug/L	99300	98800	106000
Copper	25	ug/L	J 21.7	ND< 3.1	ND< 3.1
Iron	100	ug/L	J 54.5	J 58.8	J 59.1
Magnesium	5000	ug/L	62800	62100	66600
Manganese	15	ug/L	565	470	492
Mercury	.2	ug/L	ND< 0.1	ND< 0.1	J 0.1
Potassium	5000	ug/L	J 843	J 1050	ND< 422
Sodium	5000	ug/L	71100	70000	68400
Thallium	10	ug/L	J 2.2	J 1.9	ND< 1.0
Zinc	20	ug/L	ND< 3.0	ND< 3.0	J 3.2

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number			W05-19(A1)	W05-19(A1)	W05-19(A1)	W05-19(A1)	W05-19(A1)	W05-19(A1)
Sample Number			MOF-754	MOF-582	MOF-367	MOF-177	MOF-240	MOF-407
Sample Type				TRIP				
Sample Date			07/11/89	04/10/89	12/12/88	10/14/88	11/02/88	01/05/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 43.1	NA	ND< 5.0	ND< 5	J 32	J 10.7
Antimony	60	ug/L	ND< 37.0	NA	80	80.7	106	ND< 24.0
Barium	200	ug/L	J 101	NA	J 97.2	J 102	J 90.3	J 103
Beryllium	5	ug/L	ND< 1.7	NA	J 0.90	ND< .6	ND< .6	ND< 0.60
Calcium	5000	ug/L	109000	NA	110000	111000	124000	108000
Cobalt	50	ug/L	ND< 6.8	NA	ND< 5.0	J 6.1	ND< 5	ND< 5.0
Iron	100	ug/L	204	NA	J 12.7	J 13.7	J 74.8	J 7.3
Magnesium	5000	ug/L	55200	NA	56200	51900	62100	49800
Manganese	15	ug/L	51.7	NA	53.7	87.8	60.4	58.6
Potassium	5000	ug/L	J 963	NA	ND< 540	ND< 540	J 1750	ND< 540
Selenium	5	ug/L	ND< 2.1	NA	J 3.0	ND< 3	ND< 3	ND< 3.0
Silver	10	ug/L	J 4.5	NA	ND< 3.0	ND< 3	J 3.4	ND< 3.0
Sodium	5000	ug/L	70200	NA	66100	65800	74500	65300
Vanadium	50	ug/L	J 6.3	NA	ND< 4.0	ND< 4	J 5.9	J 4.8
Zinc	20	ug/L	ND< 5.9	NA	J 5.1	ND< 2	ND< 2	ND< 2.0

Summary of Detected Chemicals
Site 5 Water Samples by Well (Inorganics)

Well Number==========> W05-19(A1)
Sample Number==========> MOF-581
Sample Type==========>
Sample Date==========> 04/10/89

Compounds	Quantitation limits	units		
Antimony	60	ug/L	J	42.1
Barium	200	ug/L	J	111
Calcium	5000	ug/L		103000
Iron	100	ug/L	J	26.0
Magnesium	5000	ug/L		49400
Manganese	15	ug/L		141
Sodium	5000	ug/L		63900

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 6

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 6 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W06-02(A2)	W06-02(A2)	W06-02(A2)	W06-02(A2)	W06-02(A2)	W06-02(A2)
Sample Number==========>			MOF-776	MOF-777	MOF-432	MOF-201	MOF-202	MOF-606
Sample Type==========>				TRIP			DUP	
Sample Date==========>			07/18/89	07/18/89	01/12/89	10/25/88	10/25/88	04/17/89
1,1-Dichloroethane	5	ug/L	J 4	ND< 5	ND< 5	ND< 5	J 2	J 4
1,1-Dichloroethylene	5	ug/L	ND< 5	ND< 5	ND< 5	J 2	ND< 5	ND< 5
2-Butanone	10	ug/L	ND< 10	ND< 10	ND< 10	BJ 7	J 5	ND< 10
4-Methyl-2-pentanone	10	ug/L	ND< 10	ND< 10	ND< 10	J 2	J 2	ND< 10
Acetone	10	ug/L	J 8	J 3	BJ 5	B 39	B 30	ND< 10
Methylene chloride	5	ug/L	B 12	B 12	B 6	B 7	BJ 4	BJ 4
Bicarbonate	1	mg/L	NA	NA	120	400	360	NA
Carbonate	1	mg/L	NA	NA	4.4	ND< 1	ND< 1	NA
Chloride	.1	mg/L	NA	NA	44	58	55	NA
Nitrate	.1	mg/L	NA	NA	1.9	3	2.3	NA
Sulfate	.2	mg/L	NA	NA	91	200	190	NA
TDS	10	mg/L	NA	NA	350	200	1500	NA

Summary of Detected Chemicals
Site 6 Water Samples by Well (Organics)

Well Number==========>			W06-03(A1)	W06-03(A1)	W06-03(A1)	W06-03(A1)	W06-03(A1)	W06-03(A1)
Sample Number==========>			MOF-778	MOF-434	MOF-203	MOF-204	MOF-435	MOF-433
Sample Type==========>					SPLIT	TRIP	TRIP	DUP
Sample Date==========>			07/19/89	01/12/89	10/25/88	10/25/88	01/12/89	01/12/89
Compounds	Quantitation limits	units						
1,1-Dichloroethane	5	ug/L	J 4	5	6	NA	ND< 5	5
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	ND< 5	J 2	NA	ND< 5	ND< 5
Acetone	10	ug/L	J 2	BJ 3	ND< 10	NA	NA	BJ 2
Methylene chloride	5	ug/L	BJ 2	B 23	B 5	NA	NA	BJ 1
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	NA	NA	ND< 5
Trichloroethene	5	ug/L	J 3	J 3	J 4	NA	NA	J 3
Bicarbonate	1	mg/L	NA	470	490	NA	NA	470
Chloride	.1	mg/L	NA	52	68	NA	NA	54
Nitrate	.1	mg/L	NA	1.5	1.1	NA	NA	1.5
Sulfate	.2	mg/L	NA	210	250	NA	NA	220
TDS	10	mg/L	NA	880	890	NA	NA	880

Summary of Detected Chemicals
Site 6 Water Samples by Well (Organics)

Well Number==========>			W06-03(A1)	W06-03(A1)	W06-03(A1)	W06-03(A1)
Sample Number==========>			MOF-608	MOF-607	MOF-780	MOF-779
Sample Type==========>			TRIP		TRIP	DUP
Sample Date==========>			04/17/89	04/17/89	07/19/89	07/19/89
Compounds	Quantitation limits	units				
1,1-Dichloroethane	5	ug/L	ND< 5	5	ND< 5	J 3
Acetone	10	ug/L	BJ 3	BJ 8	J 6	J 2
Methylene chloride	5	ug/L	B 5	B 16	B 14	BJ 2
Trichloroethene	5	ug/L	ND< 5	5	ND< 5	J 3

Inorganic Data

WATER SAMPLES FOR SITE 6 WERE NOT ANALYZED FOR INORGANICS

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 7

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

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*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

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Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>			W07-01(A1)	W07-01(A1)	W07-01(A1)	W07-01(A1)	W07-01(A1)
Sample Number==========>			MOF-784	MOF-395	MOF-617	MOF-228	MOF-227
Sample Type==========>						DUP	
Sample Date==========>			07/20/89	01/13/89	04/20/89	10/26/88	10/26/88
Compounds	Quantitation limits	units					
Acetone	10	ug/L	BJ 3	BJ 6	B 14	B 12	BJ 8
Methylene chloride	5	ug/L	BJ 3	B 17	B 11	BJ 2	BJ 3
Bicarbonate	1	mg/L	NA	310	NA	330	330
Chloride	.1	mg/L	NA	33	NA	35	35
Nitrate	.1	mg/L	NA	0.31	NA	0.43	0.41
Sulfate	.2	mg/L	NA	160	NA	180	190
TDS	10	mg/L	NA	530	NA	670	630

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>			W07-04(A2)	W07-04(A2)	W07-04(A2)	W07-04(A2)	W07-04(A2)	W07-04(A2)
Sample Number==========>			MOF-789	MOF-791	MOF-393	MOF-229	MOF-623	MOF-622
Sample Type==========>				TRIP			TRIP	
Sample Date==========>			07/24/89	07/24/89	01/13/89	10/26/88	04/21/89	04/21/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	J 9	23	BJ 7	B 12	BJ 7	BJ 4
Methylene chloride	5	ug/L	B 5	B 17	B 8	B 6	B 8	B 5
Bicarbonate	1	mg/L	NA	NA	230	240	NA	NA
Chloride	.1	mg/L	NA	NA	19	24	NA	NA
Nitrate	.1	mg/L	NA	NA	0.13	ND< 0.1	NA	NA
Sulfate	.2	mg/L	NA	NA	19	29	NA	NA
TDS	10	mg/L	NA	NA	270	280	NA	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W07-08(A1) MOF-787 TRIP 07/21/89	W07-08(A1) MOF-618 04/20/89	W07-08(A1) MOF-786 07/21/89	W07-08(A1) MOF-216 TRIP 10/27/88	W07-08(A1) MOF-214 10/27/88	W07-08(A1) MOF-785 EQUIP 07/21/89
1,1,1-Trichloroethane	5	ug/L	ND< 5	7	7	NA	5	ND< 5
1,1-Dichloroethane	5	ug/L	ND< 5	J 4	5	NA	J 3	ND< 5
1,1-Dichloroethylene	5	ug/L	ND< 5	ND< 5	J 4	NA	ND< 5	ND< 5
1,2-Dichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	NA	ND< 5	9
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	21	25	NA	14	ND< 5
Acetone	10	ug/L	23	BJ 8	15	NA	BJ 7	J 9
Carbon tetrachloride	5	ug/L	ND< 5	7	8	NA	J 4	ND< 5
Chloroform	5	ug/L	ND< 5	7	8	NA	5	ND< 5
Methylene chloride	5	ug/L	B 21	B 7	B 10	NA	BJ 4	B 8
Tetrachloroethene	5	ug/L	ND< 5	160	180	NA	75	ND< 5
Trichloroethene	5	ug/L	ND< 5	45	50	NA	25	ND< 5
Bicarbonate	1	mg/L	NA	NA	NA	NA	390	NA
Chloride	.1	mg/L	NA	NA	NA	NA	46	NA
Nitrate	.1	mg/L	NA	NA	NA	NA	2.7	NA
Sulfate	.2	mg/L	NA	NA	NA	NA	240	NA
TDS	10	mg/L	NA	NA	NA	NA	66	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>				W07-08(A1)	W07-08(A1)
Sample Number==========>				MOF-397	MOF-619
Sample Type==========>					TRIP
Sample Date==========>				01/16/89	04/20/89
Compounds	Quantitation limits	units			
1,1,1-Trichloroethane	5	ug/L		8	ND< 5
1,1-Dichloroethane	5	ug/L		5	ND< 5
1,1-Dichloroethylene	5	ug/L	J	3	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L		22	ND< 5
Acetone	10	ug/L	ND<	10	B 16
Carbon tetrachloride	5	ug/L		91	ND< 5
Chloroform	5	ug/L		9	ND< 5
Methylene chloride	5	ug/L	BJ	1	B 9
Tetrachloroethene	5	ug/L		160	ND< 5
Trichloroethene	5	ug/L		50	ND< 5
Bicarbonate	1	mg/L		420	NA
Chloride	.1	mg/L		46	NA
Nitrate	.1	mg/L		3.1	NA
Sulfate	.2	mg/L		240	NA
TDS	10	mg/L		890	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W07-13(A1) MOF-788 07/21/89	W07-13(A1) MOF-211 10/26/88	W07-13(A1) MOF-621 DUP 04/20/89	W07-13(A1) MOF-620 04/20/89	W07-13(A1) MOF-394 01/13/89
Acetone	10	ug/L	J 9	BJ 4	BJ 9	B 14	BJ 6
Methylene chloride	5	ug/L	B 11	BJ 2	B 6	B 7	B 7
Bicarbonate	1	mg/L	NA	420	NA	NA	410
Chloride	.1	mg/L	NA	56	NA	NA	48
Nitrate	.1	mg/L	NA	3.7	NA	NA	3.3
Sulfate	.2	mg/L	NA	340	NA	NA	300
TDS	10	mg/L	NA	920	NA	NA	870

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number=>			W07-15(A2)	W07-15(A2)	W07-15(A2)	W07-15(A2)	W07-15(A2)
Sample Number=>			MOF-795	MOF-212	MOF-796	MOF-396	MOF-624
Sample Type=>					TRIP		
Sample Date=>			07/25/89	10/26/88	07/25/89	01/16/89	04/24/89
Compounds	Quantitation limits	units					
Acetone	10	ug/L	B 12	BJ 2	B 37	ND< 10	J 6
Methylene chloride	5	ug/L	BJ 2	BJ 1	B 10	ND< 5	B 11
Bicarbonate	1	mg/L	NA	260	NA	210	NA
Carbonate	1	mg/L	NA	ND< 1.0	NA	2.4	NA
Chloride	.1	mg/L	NA	25	NA	18	NA
Sulfate	.2	mg/L	NA	28	NA	19	NA
TDS	10	mg/L	NA	500	NA	310	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Compounds	Quantitation limits	units					
Well Number=====>			W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)
Sample Number=====>			MOF-782	MOF-445	MOF-439	MOF-386	MOF-444
Sample Type=====>				DUP	TRIP		
Sample Date=====>			07/20/89	01/16/89	01/16/89	12/15/88	01/16/89
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	J 2	ND< 5	ND< 5
2-Butanone	10	ug/L	ND< 10	ND< 10	J 1	ND< 10	ND< 10
Acetone	10	ug/L	BJ 3	BJ 4	BJ 7	J 7	BJ 7
Methylene chloride	5	ug/L	BJ 3	BJ 4	B 8	BJ 1	BJ 3
Bis(2-Ethylhexyl)phthalate	10	ug/L	BJ 3	ND< 10	NA	ND< 10	ND< 10
Bicarbonate	1	mg/L	NA	200	NA	200	200
Chloride	.1	mg/L	NA	17	NA	19	22
Sulfate	.2	mg/L	NA	18	NA	18	18
TDS	10	mg/L	NA	300	NA	280	300

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)
Sample Number==========>			MOF-783	MOF-610	MOF-330	MOF-332	MOF-612	MOF-500
Sample Type==========>			TRIP			TRIP	TRIP	
Sample Date==========>			07/20/89	04/18/89	11/29/88	11/29/88	04/18/89	02/27/89
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	J 2	ND< 5	ND< 5
Acetone	10	ug/L	BJ 8	BJ 2	ND< 10	ND< 10	ND< 10	B 14
Methylene chloride	5	ug/L	B 17	BJ 4	ND< 5	B 28	B 11	B 10
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	J 2	J 1	ND< 5
Bicarbonate	1	mg/L	NA	NA	200	NA	NA	190
Chloride	.1	mg/L	NA	NA	18	NA	NA	28
Sulfate	.2	mg/L	NA	NA	17	NA	NA	180
TDS	10	mg/L	NA	NA	290	NA	NA	270

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>	W07-16(C)
Sample Number==========>	MOF-611
Sample Type==========>	DUP
Sample Date==========>	04/18/89

Compounds	Quantitation limits	units	
Acetone	10	ug/L	BJ 2
Methylene chloride	5	ug/L	BJ 4

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number			W07-18(A1)	W07-18(A1)	W07-18(A1)	W07-18(A1)	W07-18(A1)	W07-18(A1)
Sample Number			MOF-781	MOF-230	MOF-250	MOF-438	MOF-380	MOF-381
Sample Type					TRIP			TRIP
Sample Date			07/19/89	10/27/88	11/08/88	01/02/89	12/14/88	12/14/88
Compounds	Quantitation limits	units						
2-Butanone	10	ug/L	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	BJ 1
Acetone	10	ug/L	J 2	ND< 10	9	BJ 3	BJ 6	BJ 9
Methylene chloride	5	ug/L	BJ 3	BJ 3	B 20	B 19	BJ 3	B 8
Toluene	5	ug/L	ND< 5	ND< 5	1	ND< 5	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	NA	ND< 10	J 5	NA
Bicarbonate	1	mg/L	NA	350	NA	350	340	NA
Chloride	.1	mg/L	NA	48	NA	45	38	NA
Sulfate	.2	mg/L	NA	220	NA	200	200	NA
TDS	10	mg/L	NA	740	NA	710	730	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>				W07-18(A1)	W07-18(A1)	W07-18(A1)
Sample Number==========>				MOF-249	MOF-284	MOF-609
Sample Type==========>						
Sample Date==========>				11/07/88	11/09/88	04/17/89
Compounds	Quantitation limits	units				
Acetone	10	ug/L		13	NA	ND< 10
Methylene chloride	5	ug/L	B	18	NA	B 15
Bis(2-Ethylhexyl)phthalate	10	ug/L	J	8	NA	ND< 10
Bicarbonate	1	mg/L		350	NA	NA
Chloride	.1	mg/L		22	NA	NA
Sulfate	.2	mg/L		100	NA	NA
TDS	10	mg/L		720	NA	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>			W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)
Sample Number==========>			MOF-793	MOF-440	MOF-232	MOF-231	MOF-260	MOF-615
Sample Type==========>					TRIP			TRIP
Sample Date==========>			07/25/89	01/17/89	10/27/88	10/27/88	11/08/88	04/19/89
Compounds	Quantitation limits	units						
2-Butanone	10	ug/L	ND< 10	ND< 10	J 2	ND< 10	ND< 10	ND< 10
Acetone	10	ug/L	B 15	ND< 10	ND< 10	ND< 10	ND< 10	B 17
Chloroform	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	J 1
Methylene chloride	5	ug/L	BJ 3	ND< 5	B 6	B 5	BJ 2	B 9
Bicarbonate	1	mg/L	NA	430	NA	440	410	NA
Chloride	.1	mg/L	NA	45	NA	46	46	NA
Nitrate	.1	mg/L	NA	2.6	NA	1.9	2.2	NA
Sulfate	.2	mg/L	NA	320	NA	340	340	NA
TDS	10	mg/L	NA	970	NA	1200	980	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>			W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)
Sample Number==========>			MOF-794	MOF-384	MOF-385	MOF-614	MOF-260MS	MOF-260MSD
Sample Type==========>			DUP	SPLIT	TRIP		MS	MSD
Sample Date==========>			07/25/89	12/19/88	12/19/88	04/19/89	11/08/88	11/08/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	ND< 10	NA	BJ 7	NA	NA
Methylene chloride	5	ug/L	BJ 2	ND< 5	NA	B 8	NA	NA
Bis(2-Ethylhexyl)phthalate	10	ug/L	12	ND< 10	NA	ND< 10	NA	NA
Bicarbonate	1	mg/L	NA	440	NA	NA	NA	NA
Chloride	.1	mg/L	NA	45	NA	NA	NA	NA
Nitrate	.1	mg/L	NA	2.1	NA	NA	NA	NA
Sulfate	.2	mg/L	NA	330	NA	NA	NA	NA
TDS	10	mg/L	NA	970	NA	NA	NA	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number==========>			W07-20(A1)	W07-20(A1)	W07-20(A1)	W07-20(A1)	W07-20(A1)	W07-20(A1)
Sample Number==========>			MOF-792	MOF-233	MOF-262	MOF-616	MOF-374	MOF-375
Sample Type==========>					TRIP			TRIP
Sample Date==========>			07/24/89	10/27/88	11/08/88	04/18/89	12/15/88	12/15/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	15	ND< 10	NA	BJ 7	BJ 4	B 13
Methylene chloride	5	ug/L	B 6	BJ 1	NA	B 6	B 7	B 24
Tetrachloroethene	5	ug/L	J 2	J 1	NA	ND< 5	J 2	ND< 5
Toluene	5	ug/L	ND< 5	ND< 5	NA	ND< 5	ND< 5	J 2
Trichloroethene	5	ug/L	J 3	J 2	NA	J 3	J 3	ND< 5
Bicarbonate	1	mg/L	NA	380	NA	NA	390	NA
Chloride	.1	mg/L	NA	46	NA	NA	41	NA
Nitrate	.1	mg/L	NA	2.1	NA	NA	2.2	NA
Sulfate	.2	mg/L	NA	240	NA	NA	220	NA
TDS	10	mg/L	NA	800	NA	NA	800	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number			W07-20(A1)	W07-20(A1)	W07-20(A1)
Sample Number			MOF-261	MOF-442	MOF-443
Sample Type			SPLIT		TRIP
Sample Date			11/08/88	01/13/89	01/13/89
Compounds	Quantitation limits	units			
Acetone	10	ug/L	ND< 10	BJ 7	BJ 6
Methylene chloride	5	ug/L	ND< 5	B 15	B 14
Tetrachloroethene	5	ug/L	J 2	J 1	ND< 5
Trichloroethene	5	ug/L	J 4	J 2	ND< 5
Bicarbonate	1	mg/L	390	380	NA
Chloride	.1	mg/L	44	44	NA
Nitrate	.1	mg/L	2.3	2.3	NA
Sulfate	.2	mg/L	230	230	NA
TDS	10	mg/L	830	800	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Well Number			W07-21(A1)	W07-21(A1)	W07-21(A1)	W07-21(A1)	W07-21(A1)	W07-21(A1)
Sample Number			MOF-790	MOF-372	MOF-213	MOF-263	MOF-264	MOF-382
Sample Type					SPLIT		DUP	DUP
Sample Date			07/24/89	12/14/88	10/27/88	11/08/88	11/08/88	12/14/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	12	BJ 5	BJ 9	ND< 10	ND< 10	BJ 5
Methylene chloride	5	ug/L	B 8	BJ 4	B 6	B 12	B 4	BJ 2
Di-n-butylphthalate	10	ug/L	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	J 2
Bicarbonate	1	mg/L	NA	410	410	410	410	410
Chloride	.1	mg/L	NA	47	55	48	46	43
Nitrate	.1	mg/L	NA	6.0	2.3	2.4	2.6	2.6
Sulfate	.2	mg/L	NA	440	470	470	500	440
TDS	10	mg/L	NA	1180	1200	1210	1190	1200

Summary of Detected Chemicals
Site 7 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W07-21(A1)	W07-21(A1)	W07-21(A1)	W07-21(A1)	W07-21(A1)	W07-21(A1)
Sample Number==========>			MOF-437MSD	MOF-613 MS	MOF-437	MOF-437MS	MOF-613 MSD	MOF-613
Sample Type==========>			MSD	MS		MS	MSD	
Sample Date==========>			01/12/89	04/18/89	01/12/89	01/12/89	04/18/89	04/18/89
Acetone	10	ug/L	NA	NA	BJ 3	NA	NA	ND< 10
Methylene chloride	5	ug/L	NA	NA	B 7	NA	NA	B 16
Bicarbonate	1	mg/L	NA	NA	410	NA	NA	NA
Chloride	.1	mg/L	NA	NA	56	NA	NA	NA
Nitrate	.1	mg/L	NA	NA	2.8	NA	NA	NA
Sulfate	.1	mg/L	NA	NA	440	NA	NA	NA
TDS	.1	mg/L	NA	NA	1160	NA	NA	NA

Inorganic Data

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number==========>			W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)
Sample Number==========>			MOF-782	MOF-445	MOF-439	MOF-386	MOF-444
Sample Type==========>				DUP	TRIP		
Sample Date==========>			07/20/89	01/16/89	01/16/89	12/15/88	01/16/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	ND< 13.4	J 192	NA	ND< 5.0	ND< 13.0
Arsenic	10	ug/L	J 8.4	J 9.2	NA	J 8.8	J 7.8
Barium	200	ug/L	J 85.6	J 71.8	NA	J 71.8	J 65.6
Beryllium	5	ug/L	ND< 1.7	ND< 0.50	NA	J 1.2	ND< 0.50
Calcium	5000	ug/L	30000	30500	NA	31100	30700
Cobalt	50	ug/L	ND< 6.8	J 8.3	NA	ND< 5.0	ND< 6.5
Iron	100	ug/L	J 45.5	215	NA	ND< 6.0	J 18.3
Magnesium	5000	ug/L	9450	10900	NA	9790	10800
Manganese	15	ug/L	63.9	64.4	NA	63.1	63.8
Mercury	.2	ug/L	ND< 0.10	0.2	NA	ND< 0.2	0.2
Potassium	5000	ug/L	J 2100	J 2210	NA	J 940	J 1380
Silver	10	ug/L	J 5.4	ND< 3.2	NA	ND< 3.0	ND< 3.2
Sodium	5000	ug/L	60000	59200	NA	66200	59500
Vanadium	50	ug/L	J 4.7	ND< 7.0	NA	ND< 4.0	ND< 2.9
Zinc	20	ug/L	ND< 5.9	ND< 3.0	NA	J 4.7	ND< 3.0

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units						
Well Number=====>			W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)	W07-16(C)
Sample Number=====>			MOF-783	MOF-610	MOF-330	MOF-332	MOF-612	MOF-500
Sample Type=====>			TRIP			TRIP	TRIP	
Sample Date=====>			07/20/89	04/18/89	11/29/88	11/29/88	04/18/89	02/27/89
Aluminum	200	ug/L	NA	ND< 13.0	J 12.3	NA	NA	J 15.0
Arsenic	10	ug/L	NA	J 10	10.0	NA	NA	J 8.4
Barium	200	ug/L	NA	J 78.1	J 81.6	NA	NA	J 76.8
Cadmium	5	ug/L	NA	J 4.6	ND< 5.0	NA	NA	ND< 3.7
Calcium	5000	ug/L	NA	29400	31100	NA	NA	30600
Iron	100	ug/L	NA	J 36.8	J 26.5	NA	NA	J 24.9
Lead	5	ug/L	NA	ND< 1.4	J 3.3	NA	NA	ND< 1.4
Magnesium	5000	ug/L	NA	9100	10600	NA	NA	10800
Manganese	15	ug/L	NA	58.9	63.4	NA	NA	61.3
Mercury	.2	ug/L	NA	ND< 0.1	ND< 0.2	NA	NA	J 0.1
Potassium	5000	ug/L	NA	J 1730	J 1930	NA	NA	J 2260
Silver	10	ug/L	NA	ND< 3.2	J 6.7	NA	NA	J 4.7
Sodium	5000	ug/L	NA	60900	60900	NA	NA	62100
Thallium	10	ug/L	NA	ND< 1.0	ND< 2.0	NA	NA	J 1.3
Vanadium	50	ug/L	NA	ND< 2.9	J 6.6	NA	NA	J 4.1
Zinc	20	ug/L	NA	ND< 3.0	J 4.4	NA	NA	ND< 3.0

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number==========> W07-16(C)
Sample Number==========> MOF-611
Sample Type==========> DUP
Sample Date==========> 04/18/89

Compounds	Quantitation limits	units		
Arsenic	10	ug/L	J	9.0
Barium	200	ug/L	J	71.7
Calcium	5000	ug/L		29300
Iron	100	ug/L	J	30.9
Magnesium	5000	ug/L		9070
Manganese	15	ug/L		56.4
Potassium	5000	ug/L	J	1390
Sodium	5000	ug/L		60700
Zinc	20	ug/L	J	5.1

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number			W07-18(A1)	W07-18(A1)	W07-18(A1)	W07-18(A1)	W07-18(A1)	W07-18(A1)
Sample Number			MOF-781	MOF-230	MOF-250	MOF-438	MOF-380	MOF-381
Sample Type					TRIP			TRIP
Sample Date			07/19/89	10/27/88	11/08/88	01/02/89	12/14/88	12/14/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 13.4	ND< 5.0	NA	J 22.7	J 38.2	NA
Arsenic	10	ug/L	J 6.7	J 6.0	NA	ND< 1.4	ND< 7.0	NA
Barium	200	ug/L	J 55.3	J 42.0	NA	J 24.7	J 42.7	NA
Beryllium	5	ug/L	ND< 1.7	ND< 0.60	NA	ND< 0.50	J 0.99	NA
Calcium	5000	ug/L	102000	116000	NA	111000	114000	NA
Cobalt	50	ug/L	ND< 6.8	ND< 5.0	NA	ND< 6.5	J 7.1	NA
Iron	100	ug/L	1070	855	NA	2060	1570	NA
Magnesium	5000	ug/L	50800	53300	NA	54400	52200	NA
Manganese	15	ug/L	616	574	NA	628	617	NA
Mercury	.2	ug/L	ND< 0.10	ND< 0.2	NA	J 0.1	ND< 0.2	NA
Potassium	5000	ug/L	J 2510	J 1380	NA	J 2420	J 3800	NA
Silver	10	ug/L	ND< 3.0	ND< 3.0	NA	ND< 3.2	J 6.1	NA
Sodium	5000	ug/L	60400	64500	NA	57800	70900	NA
Vanadium	50	ug/L	J 3.6	ND< 4.0	NA	ND< 2.9	ND< 4.0	NA
Zinc	20	ug/L	ND< 5.9	J 2.5	NA	ND< 3.0	J 2.1	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number			W07-18(A1)	W07-18(A1)	W07-18(A1)
Sample Number			MOF-249	MOF-284	MOF-609
Sample Type					
Sample Date			11/07/88	11/09/88	04/17/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	ND< 5.0	NA	J 20.3
Arsenic	10	ug/L	J 5.0	NA	J 8.1
Barium	200	ug/L	J 44.6	NA	J 60.9
Beryllium	5	ug/L	J 2.3	NA	ND< 0.50
Calcium	5000	ug/L	110000	NA	102000
Iron	100	ug/L	714	NA	1650
Magnesium	5000	ug/L	55000	NA	49900
Manganese	15	ug/L	759	NA	593
Mercury	.2	ug/L	ND< 0.2	NA	J 0.1
Potassium	5000	ug/L	J 973	NA	J 2590
Sodium	5000	ug/L	63100	NA	64100
Vanadium	50	ug/L	ND< 4.0	NA	J 5.9
Zinc	20	ug/L	J 2.3	NA	ND< 3.0

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number==========>			W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)
Sample Number==========>			MOF-793	MOF-440	MOF-232	MOF-231	MOF-260	MOF-615
Sample Type==========>					TRIP			TRIP
Sample Date==========>			07/25/89	01/17/89	10/27/88	10/27/88	11/08/88	04/19/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	210	ND< 13.0	NA	ND< 5.0	ND< 5.0	NA
Antimony	60	ug/L	ND< 37.0	J 41.5	NA	ND< 60	ND< 60	NA
Barium	200	ug/L	J 75.0	J 8.0	NA	J 39.8	J 39.4	NA
Calcium	5000	ug/L	139000	137000	NA	136000	138000	NA
Iron	100	ug/L	1320	1000	NA	551	686	NA
Magnesium	5000	ug/L	87100	94200	NA	91900	87200	NA
Manganese	15	ug/L	79.3	181	NA	630	470	NA
Potassium	5000	ug/L	7780	ND< 422	NA	J 600	J 2540	NA
Selenium	5	ug/L	ND< 2.1	J 4.8	NA	ND< 5.0	ND< 5.0	NA
Silver	10	ug/L	J 8.8	ND< 3.2	NA	ND< 3.0	ND< 3.0	NA
Sodium	5000	ug/L	68000	64200	NA	66700	64500	NA
Thallium	10	ug/L	J 1.0	ND< 1.0	NA	ND< 5.0	ND< 5.0	NA
Vanadium	50	ug/L	J 29.6	ND< 2.9	NA	ND< 4.0	ND< 4.0	NA
Zinc	20	ug/L	ND< 5.9	ND< 3.0	NA	ND< 2.0	J 3.0	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number==========>			W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)	W07-19(A1)
Sample Number==========>			MOF-794	MOF-384	MOF-385	MOF-614	MOF-260MS	MOF-260MSD
Sample Type==========>			DUP	SPLIT	TRIP		MS	MSD
Sample Date==========>			07/25/89	12/19/88	12/19/88	04/19/89	11/08/88	11/08/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	296	ND< 5.0	NA	ND< 13.0	NA	NA
Antimony	60	ug/L	ND< 37.4	ND< 60	NA	J 57.7	NA	NA
Barium	200	ug/L	J 78.1	J 39.3	NA	J 64.2	NA	NA
Calcium	5000	ug/L	140000	139000	NA	131000	NA	NA
Iron	100	ug/L	1060	1450	NA	1200	NA	NA
Magnesium	5000	ug/L	87100	87700	NA	84800	NA	NA
Manganese	15	ug/L	81.1	267	NA	109	NA	NA
Mercury	.2	ug/L	ND< 0.10	0.7	NA	ND< 0.1	NA	NA
Potassium	5000	ug/L	11100	J 1000	NA	ND< 422	NA	NA
Selenium	5	ug/L	ND< 2.1	ND< 3.0	NA	J 4.7	NA	NA
Sodium	5000	ug/L	72900	72100	NA	64900	NA	NA
Thallium	10	ug/L	J 1.2	ND< 2.0	NA	ND< 1.0	NA	NA
Vanadium	50	ug/L	J 40.8	ND< 4.0	NA	ND< 2.9	NA	NA
Zinc	20	ug/L	ND< 6.0	J 5.3	NA	ND< 3.0	NA	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number==========>			W07-20(A1)	W07-20(A1)	W07-20(A1)	W07-20(A1)	W07-20(A1)	W07-20(A1)
Sample Number==========>			MOF-792	MOF-233	MOF-262	MOF-616	MOF-374	MOF-375
Sample Type==========>					TRIP			TRIP
Sample Date==========>			07/24/89	10/27/88	11/08/88	04/18/89	12/15/88	12/15/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 177	ND< 5.0	NA	ND< 13.0	ND< 5.0	NA
Barium	200	ug/L	J 100	J 87.0	NA	J 123	J 93.2	NA
Calcium	5000	ug/L	125000	120000	NA	120000	126000	NA
Iron	100	ug/L	804	374	NA	105	648	NA
Lead	5	ug/L	J 2.5	ND< 5.0	NA	ND< 1.4	ND< 3.0	NA
Magnesium	5000	ug/L	61700	63700	NA	58700	62400	NA
Manganese	15	ug/L	37.4	250	NA	23.5	77.4	NA
Potassium	5000	ug/L	7180	J 1080	NA	ND< 422	ND< 540	NA
Selenium	5	ug/L	J 4.1	5.0	NA	6.1	ND< 3.0	NA
Sodium	5000	ug/L	66700	64400	NA	64300	71100	NA
Vanadium	50	ug/L	J 24.2	ND< 4.0	NA	ND< 2.9	ND< 4.0	NA
Zinc	20	ug/L	ND< 5.9	ND< 2.0	NA	ND< 3.0	J 3.8	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Well Number			W07-20(A1)	W07-20(A1)	W07-20(A1)
Sample Number			MOF-261	MOF-442	MOF-443
Sample Type			SPLIT		TRIP
Sample Date			11/08/88	01/13/89	01/13/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	J 9.5	ND< 3.2	NA
Barium	200	ug/L	J 87.3	J 82.3	NA
Calcium	5000	ug/L	124000	126000	NA
Iron	100	ug/L	817	635	NA
Magnesium	5000	ug/L	61900	67800	NA
Manganese	15	ug/L	124	73.3	NA
Mercury	.2	ug/L	ND< 0.2	J 0.1	NA
Potassium	5000	ug/L	J 1440	ND< 422	NA
Selenium	5	ug/L	7.8	7.2	NA
Silver	10	ug/L	J 5.2	ND< 3.2	NA
Sodium	5000	ug/L	61800	64000	NA
Zinc	20	ug/L	ND< 2.0	J 3.3	NA

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units																						
Well Number==========>			W07-21(A1)			W07-21(A1)			W07-21(A1)			W07-21(A1)			W07-21(A1)			W07-21(A1)		
Sample Number==========>			MOF-790			MOF-372			MOF-213			MOF-263			MOF-264			MOF-382		
Sample Type==========>									SPLIT						DUP			DUP		
Sample Date==========>			07/24/89			12/14/88			10/27/88			11/08/88			11/08/88			12/14/88		
Aluminum	200	ug/L	J	126		J	63.6			5.0		J	21.2		ND<	5.0		J	10.3	
Barium	200	ug/L	J	57.0		J	71.9		J	48.6		J	49.4		J	54.8		J	66.4	
Calcium	5000	ug/L		155000			156000			159000			155000			154000			160000	
Cobalt	50	ug/L	ND<	6.8		ND<	5.0		ND<	5.0		ND<	5.0		ND<	5.0		J	8.2	
Iron	100	ug/L		552			234			768			806			820			257	
Lead	5	ug/L	J	2.3		ND<	3.0		ND<	5.0		ND<	5.0		ND<	5.0		ND<	3.0	
Magnesium	5000	ug/L		108000			110000			116000			109000			107000			111000	
Manganese	15	ug/L		31.4			54.8			146			109			112			53.5	
Potassium	5000	ug/L	J	3920		J	1190		ND<	540		J	1230		ND<	540		J	897	
Selenium	5	ug/L	J	3.8		J	3.5		ND<	5.0		ND<	5.0		ND<	5.0		ND<	3.0	
Silver	10	ug/L	ND<	3.0		J	7.4		ND<	3.0		J	4.7		ND<	3.0		ND<	3.0	
Sodium	5000	ug/L		56000			104000			59600			56500			56200			64600	
Vanadium	50	ug/L	J	20.2		J	5.5		ND<	4.0		ND<	4.0		ND<	4.0		ND<	4.0	
Zinc	20	ug/L	ND<	5.9		J	3.9		J	2.8		J	2.2		J	5.4		J	3.9	

Summary of Detected Chemicals
Site 7 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units				
Well Number==========>			W07-21(A1)	W07-21(A1)	W07-21(A1)	W07-21(A1)
Sample Number==========>			MOF-437	MOF-437MS	MOF-613 MSD	MOF-613
Sample Type==========>				MS	MSD	
Sample Date==========>			01/12/89	01/12/89	04/18/89	04/18/89
Aluminum	200	ug/L	J 27.6	NA	NA	ND< 13.0
Antimony	60	ug/L	ND< 25.0	NA	NA	101
Barium	200	ug/L	J 45.5	NA	NA	J 83.8
Calcium	5000	ug/L	158000	NA	NA	155000
Cobalt	50	ug/L	ND< 6.5	NA	NA	J 11.6
Iron	100	ug/L	408	NA	NA	397
Magnesium	5000	ug/L	114000	NA	NA	108000
Manganese	15	ug/L	20.9	NA	NA	22.6
Potassium	5000	ug/L	J 556	NA	NA	ND< 422
Selenium	5	ug/L	J 3.8	NA	NA	J 3.7
Sodium	5000	ug/L	55200	NA	NA	57100

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 8

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			MEW-82(B2)	MEW-82(B2)	MEW-82(B2)	MEW-82(B2)	MEW-82(B2)	MEW-82(B2)
Sample Number==========>			MOF-916	MOF-745	MOF-744	MOF-586	MOF-271	MOF-585
Sample Type==========>				TRIP		DUP		
Sample Date==========>			09/25/89	06/20/89	06/20/89	04/11/89	11/04/88	04/11/89
Acetone	10	ug/L	ND< 10	BJ 3	BJ 3	BJ 4	B 19	BJ 5
Chloroform	5	ug/L	ND< 5	J 1	ND< 5	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 8	B 19	B 11	B 28	BJ 4	B 6
Trichloroethene	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	11	ND< 5
Bicarbonate	1	mg/L	NA	NA	NA	230	230	240
Chloride	.1	mg/L	NA	NA	NA	15	15	15
Sulfate	.2	mg/L	NA	NA	NA	17	13	17
TDS	10	mg/L	NA	NA	NA	290	410	300

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W08-01(A1)	W08-01(A1)	W08-01(A1)	W08-01(A1)	W08-01(A1)	W08-01(A1)
Sample Number=====>			MOF-880	MOF-726	MOF-560	MOF-299	MOF-559	MOF-727
Sample Type=====>					TRIP			TRIP
Sample Date=====>			09/08/89	06/16/89	03/20/89	11/21/88	03/20/89	06/16/89
1,1,1-Trichloroethane	5	ug/L	6	18	ND< 5	7	7	J 4
1,1-Dichloroethane	5	ug/L	J 2	J 4	ND< 5	J 3	J 3	ND< 5
1,1-Dichloroethylene	5	ug/L	J 2	7	ND< 5	J 2	J 2	J 2
Acetone	10	ug/L	ND< 10	ND< 10	BJ 9	B 12	B 11	BJ 8
Carbon disulfide	5	ug/L	ND< 5	ND< 5	ND< 5	J 3	ND< 5	ND< 5
Methylene chloride	5	ug/L	ND< 5	BJ 4	B 17	BJ 4	B 17	B 10
Trichloroethene	5	ug/L	7	10	ND< 5	J 4	6	ND< 5
Bicarbonate	1	mg/L	NA	NA	NA	470	460	NA
Chloride	.1	mg/L	NA	NA	NA	38	39	NA
Nitrate	.1	mg/L	NA	NA	NA	4.0	4.5	NA
Sulfate	.2	mg/L	NA	NA	NA	250	260	NA
TDS	10	mg/L	NA	NA	NA	830	950	NA

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number==========>			W08-01(A1)	W08-01(A1)
Sample Number==========>			MOF-882	MOF-881
Sample Type==========>			DUP	TRIP
Sample Date==========>			09/08/89	09/08/89
Compounds	Quantitation limits	units		
1,1,1-Trichloroethane	5	ug/L	7	ND< 5
1,1-Dichloroethane	5	ug/L	J 3	ND< 5
1,1-Dichloroethylene	5	ug/L	J 3	ND< 5
Methylene chloride	5	ug/L	ND< 5	BJ 4
Trichloroethene	5	ug/L	8	ND< 5

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Compounds	Quantitation limits	units					
Well Number==========>			W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)
Sample Number==========>			MOF-876	MOF-724	MOF-329	MOF-328	MOF-877
Sample Type==========>			TRIP		TRIP		
Sample Date==========>			09/11/89	06/15/89	11/28/88	11/28/88	09/11/89
Acetone	10	ug/L	ND< 10	BJ 2	ND< 10	ND< 10	J 3
Methylene chloride	5	ug/L	B 8	BJ 3	B 28	ND< 5	B 5
Toluene	5	ug/L	ND< 5	BJ 1	J 2	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	NA	NA	240	NA
Chloride	.1	mg/L	NA	NA	NA	30	NA
Nitrate	.1	mg/L	NA	NA	NA	0.2	NA
Sulfate	.2	mg/L	NA	NA	NA	80	NA
TDS	10	mg/L	NA	NA	NA	400	NA

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number==========>			W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)
Sample Number==========>			MOF-412	MOF-411	MOF-738	MOF-361	MOF-360	MOF-557
Sample Type==========>			TRIP	SPLIT	TRIP	TRIP	SPLIT	
Sample Date==========>			01/04/89	01/04/89	06/15/89	12/07/88	12/07/88	03/17/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	NA	ND< 10	BJ 5	NA	ND< 10	BJ 3
Methylene chloride	5	ug/L	NA	BJ 1	B 7	NA	B 10	B 9
Toluene	5	ug/L	NA	ND< 5	BJ 1	NA	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	ND< 10	NA	NA	ND< 10	J 4
Bicarbonate	1	ug/L	NA	250	NA	NA	250	240
Chloride	.1	ug/L	NA	35	NA	NA	29	26
Nitrate	.1	ug/L	NA	0.1	NA	NA	ND< 0.1	ND< 0.1
Sulfate	.1	ug/L	NA	84	NA	NA	86	77
TDS	10	ug/L	NA	430	NA	NA	440	400

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number==========> W08-02(A2)
Sample Number==========> MOF-558
Sample Type==========> TRIP
Sample Date==========> 03/17/89

Compounds	Quantitation limits	units		
Acetone	10	ug/L	BJ	5
Methylene chloride	5	ug/L	B	8

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W08-03(C) MOF-874MSD MSD 09/07/89	W08-03(C) MOF-459 01/24/89	W08-03(C) MOF-416 01/06/89	W08-03(C) MOF-460 TRIP 01/24/89	W08-03(C) MOF-539MSD MSD 03/21/89	W08-03(C) MOF-342 12/08/88
Acetone	10	ug/L	NA	BJ 7	NA	B 16	NA	ND< 10
Methylene chloride	5	ug/L	NA	B 7	NA	B 12	NA	BJ 3
Bicarbonate	1	mg/L	NA	NA	200	NA	NA	200
Chloride	.1	mg/L	NA	NA	16	NA	NA	17
Sulfate	.1	mg/L	NA	NA	16	NA	NA	17
TDS	10	mg/L	NA	NA	250	NA	NA	290

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Compounds	Quantitation limits	units					
Well Number==========>			W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)
Sample Number==========>			MOF-327 MS	MOF-327 MSD	MOF-327	MOF-343	MOF-874
Sample Type==========>			MS	MSD		TRIP	
Sample Date==========>			11/28/88	11/28/88	11/28/88	12/08/88	09/07/89
Methylene chloride	5	ug/L	NA	NA	ND< 5	BJ 4	ND< 5
Bicarbonate	1	mg/L	NA	NA	200	NA	NA
Chloride	.1	mg/L	NA	NA	40	NA	NA
Sulfate	.1	mg/L	NA	NA	20	NA	NA
TDS	10	mg/L	NA	NA	310	NA	NA

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number==========>			W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)
Sample Number==========>			MOF-875	MOF-874MS	MOF-539MS	MOF-539	MOF-728
Sample Type==========>			TRIP	MS	MS		
Sample Date==========>			09/07/89	09/07/89	03/21/89	03/21/89	06/19/89
Compounds	Quantitation limits	units					
Acetone	10	ug/L	ND< 10	NA	NA	BJ 3	11
Methylene chloride	5	ug/L	BJ 4	NA	NA	B 22	B 5
Bicarbonate	1	mg/L	NA	NA	NA	200	NA
Chloride	.1	mg/L	NA	NA	NA	17	NA
Sulfate	.2	mg/L	NA	NA	NA	18	NA
TDS	10	mg/L	NA	NA	NA	280	NA

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number==========>			W08-04(A1)	W08-04(A1)	W08-04(A1)	W08-04(A1)	W08-04(A1)	W08-04(A1)
Sample Number==========>			MOF-883	MOF-555	MOF-556	MOF-406	MOF-722	MOF-721
Sample Type==========>					TRIP		DUP	
Sample Date==========>			09/12/89	03/16/89	03/16/89	01/05/89	06/14/89	06/14/89
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	ND< 5	J 3	ND< 5	J 3	J 3	J 3
1,1-Dichloroethane	5	ug/L	ND< 5	J 2	ND< 5	J 2	J 2	J 2
1,1-Dichloroethylene	5	ug/L	ND< 5	J 1	ND< 5	ND< 5	J 2	J 2
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	J 2	ND< 5	J 1	J 2	J 2
Acetone	10	ug/L	ND< 10	BJ 2	BJ 7	ND< 10	BJ 6	BJ 5
Methylene chloride	5	ug/L	BJ 1	B 11	B 12	ND< 5	BJ 4	BJ 3
Trichloroethene	5	ug/L	J 3	J 4	ND< 5	6	5	5
Di-n-butylphthalate	10	ug/L	J 2	ND< 10	NA	ND< 10	ND< 10	ND< 10
Bicarbonate	1	mg/L	NA	440	NA	460	NA	NA
Chloride	.1	mg/L	NA	40	NA	39	NA	NA
Nitrate	.1	mg/L	NA	3.0	NA	3.2	NA	NA
Sulfate	.2	mg/L	NA	280	NA	270	NA	NA
TDS	10	mg/L	NA	940	NA	910	NA	NA

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number			W08-04(A1)	W08-04(A1)	W08-04(A1)
Sample Number			MOF-314	MOF-353	MOF-352
Sample Type				DUP	
Sample Date			11/17/88	12/07/88	12/07/88
Compounds	Quantitation limits	units			
1,1,1-Trichloroethane	5	ug/L	ND< 5	J 3	J 3
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	J 2	J 1
Methylene chloride	5	ug/L	ND< 5	B 10	B 10
Trichloroethene	5	ug/L	ND< 5	J 5	J 4
Bicarbonate	1	mg/L	450	460	460
Chloride	.1	mg/L	42	37	38
Nitrate	.1	mg/L	2.9	3.0	2.8
Sulfate	.2	mg/L	280	280	280
TDS	10	mg/L	920	940	960

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number==========>			W08-05(A1)	W08-05(A1)	W08-05(A1)	W08-05(A1)	W08-05(A1)	W08-05(A1)
Sample Number==========>			MOF-878	MOF-725	MOF-538	MOF-739	MOF-404	MOF-359
Sample Type==========>			TRIP			TRIP		
Sample Date==========>			09/12/89	06/19/89	03/17/89	06/19/89	01/05/89	12/06/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	ND< 5	30	27	ND< 5	37	26
1,1-Dichloroethane	5	ug/L	ND< 5	12	11	ND< 5	14	10
1,1-Dichloroethylene	5	ug/L	ND< 5	35	33	ND< 5	43	29
Acetone	10	ug/L	19	J 7	BJ 4	10	ND< 10	ND< 10
Chloroform	5	ug/L	ND< 5	J 1	J 2	ND< 5	J 1	J 1
Methylene chloride	5	ug/L	B 9	B 6	B 9	B 15	BJ 1	ND< 5
Trichloroethene	5	ug/L	ND< 5	J 4	J 4	ND< 5	5	6
Bicarbonate	1	mg/L	NA	NA	500	NA	510	500
Chloride	.1	mg/L	NA	NA	45	NA	44	42
Nitrate	.1	mg/L	NA	NA	4.8	NA	4.9	4.3
Sulfate	.2	mg/L	NA	NA	260	NA	260	260
TDS	10	mg/L	NA	NA	980	NA	970	950

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number			W08-05(A1)	W08-05(A1)	W08-05(A1)
Sample Number			MOF-405	MOF-879	MOF-313
Sample Type			TRIP		
Sample Date			01/05/89	09/12/89	11/17/88
Compounds	Quantitation limits	units			
1,1,1-Trichloroethane	5	ug/L	ND< 5	22	23
1,1-Dichloroethane	5	ug/L	ND< 5	10	10
1,1-Dichloroethylene	5	ug/L	ND< 5	23	29
Methylene chloride	5	ug/L	BJ 3	BJ 2	ND< 5
Trichloroethene	5	ug/L	ND< 5	J 3	J 3
Bicarbonate	1	mg/L	NA	NA	520
Chloride	.1	mg/L	NA	NA	44
Nitrate	.1	mg/L	NA	NA	4.3
Sulfate	.2	mg/L	NA	NA	260
TDS	10	mg/L	NA	NA	940

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W08-06(A1) MOF-723 06/15/89	W08-06(A1) MOF-349 12/06/88	W08-06(A1) MOF-310 11/17/88	W08-06(A1) MOF-312 TRIP 11/17/88	W08-06(A1) MOF-311 DUP 11/17/88	W08-06(A1) MOF-414 DUP 01/05/89
1,1,1-Trichloroethane	5	ug/L	51	47	44	ND< 5	43	67
1,1-Dichloroethane	5	ug/L	10	8	10	ND< 5	10	11
1,1-Dichloroethylene	5	ug/L	9	10	11	ND< 5	10	16
Acetone	10	ug/L	BJ 3	ND< 10	ND< 10	ND< 10	12	ND< 10
Methylene chloride	5	ug/L	BJ 4	ND< 5	BJ 3	B 29	BJ 2	ND< 5
Toluene	5	ug/L	BJ 1	ND< 5	ND< 5	J 2	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	440	450	NA	450	440
Chloride	.1	mg/L	NA	40	44	NA	43	40
Nitrate	.1	mg/L	NA	2.6	2.8	NA	2.6	2.8
Sulfate	.2	mg/L	NA	200	220	NA	220	210
TDS	10	mg/L	NA	820	830	NA	820	830

Summary of Detected Chemicals
Site 8 Water Samples by Well (Organics)

Well Number==========>			W08-06(A1)	W08-06(A1)
Sample Number==========>			MOF-413	MOF-537
Sample Type==========>				
Sample Date==========>			01/05/89	03/16/89
Compounds	Quantitation limits	units		
1,1,1-Trichloroethane	5	ug/L	70	52
1,1-Dichloroethane	5	ug/L	12	9
1,1-Dichloroethylene	5	ug/L	19	11
Acetone	10	ug/L	ND< 10	BJ 3
Methylene chloride	5	ug/L	ND< 5	B 11
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	J 2
Bicarbonate	1	mg/L	440	420
Chloride	.1	mg/L	41	40
Nitrate	.1	mg/L	2.8	2.6
Sulfate	.2	mg/L	210	210
TDS	10	mg/L	790	790

Inorganic Data

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number			W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)
Sample Number			MOF-876	MOF-724	MOF-329	MOF-328	MOF-877
Sample Type			TRIP		TRIP		
Sample Date			09/11/89	06/15/89	11/28/88	11/28/88	09/11/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	NA	204	ND< 200	ND< 5.0	ND< 18.0
Antimony	60	ug/L	NA	J 44.5	ND< 60	ND< 60	ND< 18.0
Arsenic	10	ug/L	NA	ND< 3.0	ND< 10	ND< 7.0	J 2.6
Barium	200	ug/L	NA	J 59.3	ND< 200	J 52.5	J 36.6
Beryllium	5	ug/L	NA	ND< 1.7	ND< 5	ND< 0.60	J 0.87
Calcium	5000	ug/L	NA	54200	ND< 5000	56500	48400
Copper	25	ug/L	NA	ND< 3.8	ND< 25	ND< 4.0	J 3.7
Iron	100	ug/L	NA	367	ND< 100	235	367
Magnesium	5000	ug/L	NA	24200	ND< 5000	27200	21300
Manganese	15	ug/L	NA	200	ND< 15	202	196
Potassium	5000	ug/L	NA	J 4630	ND< 5000	ND< 540	J 1600
Silver	10	ug/L	NA	J 4.9	ND< 10	ND< 3.0	ND< 3.1
Sodium	5000	ug/L	NA	55600	ND< 5000	53700	63100
Vanadium	50	ug/L	NA	J 29.1	ND< 50	ND< 4.0	ND< 3.3
Zinc	20	ug/L	NA	J 6.5	ND< 20	ND< 2.0	J 3.3

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number==========>			W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)	W08-02(A2)
Sample Number==========>			MOF-412	MOF-411	MOF-738	MOF-361	MOF-360	MOF-557
Sample Type==========>			TRIP	SPLIT	TRIP	TRIP	SPLIT	
Sample Date==========>			01/04/89	01/04/89	06/15/89	12/07/88	12/07/88	03/17/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	ND< 5.0	NA	NA	J 42.6	J 14.7
Antimony	60	ug/L	NA	ND< 24.0	NA	NA	J 60	ND< 25.0
Barium	200	ug/L	NA	J 58.9	NA	NA	J 57.3	J 38.9
Cadmium	20	ug/L	NA	ND< 5.0	NA	NA	ND< 5.0	J 4.8
Calcium	5000	ug/L	NA	56500	NA	NA	57500	52800
Iron	100	ug/L	NA	293	NA	NA	296	312
Magnesium	5000	ug/L	NA	33600	NA	NA	28500	24300
Manganese	15	ug/L	NA	205	NA	NA	207	206
Potassium	5000	ug/L	NA	ND< 540	NA	NA	J 2440	J 1970
Silver	10	ug/L	NA	ND< 3.0	NA	NA	J 8.9	J 5.0
Sodium	5000	ug/L	NA	57600	NA	NA	56200	59400
Vanadium	50	ug/L	NA	ND< 4.0	NA	NA	J 5.9	ND< 2.9
Zinc	20	ug/L	NA	J 2.0	NA	NA	J 2.5	ND< 3.0

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number			W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)
Sample Number			MOF-874MSD	MOF-459	MOF-416	MOF-460	MOF-539MSD	MOF-342
Sample Type			MSD			TRIP	MSD	
Sample Date			09/07/89	01/24/89	01/06/89	01/24/89	03/21/89	12/08/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	NA	J 11.2	NA	NA	J 41.8
Antimony	60	ug/L	NA	NA	ND< 24.0	NA	NA	60
Arsenic	10	ug/L	NA	NA	11.8	NA	NA	J 7.0
Barium	200	ug/L	NA	NA	J 43.6	NA	NA	J 32.1
Beryllium	5	ug/L	NA	NA	ND< 0.60	NA	NA	J 0.90
Calcium	5000	ug/L	NA	NA	27600	NA	NA	26200
Iron	100	ug/L	NA	NA	101	NA	NA	J 64.4
Magnesium	5000	ug/L	NA	NA	11600	NA	NA	12700
Manganese	15	ug/L	NA	NA	81.6	NA	NA	73.2
Mercury	.2	ug/L	NA	NA	J 0.2	NA	NA	ND< 0.2
Potassium	5000	ug/L	NA	NA	J 2170	NA	NA	J 3570
Silver	10	ug/L	NA	NA	ND< 3.0	NA	NA	J 5.9
Sodium	5000	ug/L	NA	NA	60200	NA	NA	59900
Zinc	20	ug/L	NA	NA	J 2.4	NA	NA	J 3.4

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number=====>			W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)
Sample Number=====>			MOF-327 MS	MOF-327 MSD	MOF-327	MOF-343	MOF-874
Sample Type=====>			MS	MSD		TRIP	
Sample Date=====>			11/28/88	11/28/88	11/28/88	12/08/88	09/07/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	NA	NA	ND< 5.0	NA	J 43.2
Arsenic	10	ug/L	NA	NA	14.6	NA	J 7.7
Barium	200	ug/L	NA	NA	J 48.2	NA	J 23.9
Calcium	5000	ug/L	NA	NA	28400	NA	24900
Iron	100	ug/L	NA	NA	J 92.2	NA	J 91.1
Magnesium	5000	ug/L	NA	NA	14600	NA	11300
Manganese	15	ug/L	NA	NA	99.6	NA	78.8
Potassium	5000	ug/L	NA	NA	J 3010	NA	J 2060
Silver	10	ug/L	NA	NA	ND< 3.0	NA	J 3.7
Sodium	5000	ug/L	NA	NA	75400	NA	53800
Vanadium	50	ug/L	NA	NA	ND< 4.0	NA	J 6.6
Zinc	20	ug/L	NA	NA	ND< 2.0	NA	J 6.8

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number==========>			W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)	W08-03(C)
Sample Number==========>			MOF-875	MOF-874MS	MOF-539MS	MOF-539	MOF-728
Sample Type==========>			TRIP	MS	MS		
Sample Date==========>			09/07/89	09/07/89	03/21/89	03/21/89	06/19/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	NA	NA	NA	J 18.9	245
Arsenic	10	ug/L	NA	NA	NA	11.8	J 9.5
Barium	200	ug/L	NA	NA	NA	J 45.9	J 47.3
Calcium	5000	ug/L	NA	NA	NA	26600	28300
Iron	100	ug/L	NA	NA	NA	117	131
Magnesium	5000	ug/L	NA	NA	NA	12900	12600
Manganese	15	ug/L	NA	NA	NA	77.6	80.2
Potassium	5000	ug/L	NA	NA	NA	J 2890	6300
Silver	10	ug/L	NA	NA	NA	ND< 3.2	J 9.2
Sodium	5000	ug/L	NA	NA	NA	57100	55200
Thallium	10	ug/L	NA	NA	NA	ND< 1.0	J 1.4
Vanadium	50	ug/L	NA	NA	NA	ND< 2.9	J 33.2
Zinc	20	ug/L	NA	NA	NA	ND< 3.0	J 6.0

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number=>			W08-04(A1)	W08-04(A1)	W08-04(A1)	W08-04(A1)	W08-04(A1)	W08-04(A1)
Sample Number=>			MOF-883	MOF-555	MOF-556	MOF-406	MOF-722	MOF-721
Sample Type=>					TRIP		DUP	
Sample Date=>			09/12/89	03/16/89	03/16/89	01/05/89	06/14/89	06/14/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 61.8	ND< 13.0	NA	ND< 5.0	J 109	J 78.2
Antimony	60	ug/L	J 28.9	65.6	NA	ND< 60	ND< 37.0	ND< 37.0
Arsenic	10	ug/L	ND< 1.9	J 3.1	NA	ND< 7.0	ND< 3.0	ND< 3.0
Barium	200	ug/L	J 59.3	J 62.0	NA	J 56.2	J 65.5	J 64.0
Beryllium	5	ug/L	J 0.60	ND< 0.50	NA	ND< 0.60	ND< 1.7	ND< 1.7
Calcium	5000	ug/L	95100	93900	NA	98700	103000	105000
Iron	100	ug/L	1830	944	NA	668	1540	1530
Lead	5	ug/L	J 1.0	ND< 1.4	NA	ND< 3.0	ND< 1.9	ND< 1.9
Magnesium	5000	ug/L	85300	87400	NA	77600	89600	91400
Manganese	15	ug/L	184	191	NA	202	187	190
Potassium	5000	ug/L	J 1670	J 920	NA	ND< 540	J 1280	J 588
Silver	10	ug/L	J 7.0	ND< 3.2	NA	ND< 3.0	J 4.5	ND< 3.0
Sodium	5000	ug/L	90800	90500	NA	92000	89200	91600
Thallium	10	ug/L	ND< 1.7	J 1.5	NA	ND< 2.0	ND< 0.90	ND< 0.90
Vanadium	50	ug/L	J 11.2	ND< 2.9	NA	ND< 4.0	J 18.9	J 15.5
Zinc	20	ug/L	91.2	ND< 3.0	NA	ND< 2.0	ND< 5.9	J 8.2

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number			W08-04(A1)	W08-04(A1)	W08-04(A1)
Sample Number			MOF-314	MOF-353	MOF-352
Sample Type				DUP	
Sample Date			11/17/88	12/07/88	12/07/88
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	J 27.1	J 13.6	ND< 5.0
Antimony	60	ug/L	134	J 59	80
Barium	200	ug/L	J 53.9	J 54.0	J 60.3
Beryllium	5	ug/L	J 0.85	J 0.83	ND< 0.60
Calcium	5000	ug/L	105000	101000	103000
Iron	100	ug/L	425	505	477
Magnesium	5000	ug/L	92100	89700	91300
Manganese	15	ug/L	205	190	189
Nickel	40	ug/L	ND< 8.0	ND< 8.0	J 9.9
Potassium	5000	ug/L	J 2110	J 1720	J 862
Sodium	5000	ug/L	99600	93800	96200
Zinc	20	ug/L	ND< 2.0	J 2.5	J 2.5

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number			W08-05(A1)	W08-05(A1)	W08-05(A1)	W08-05(A1)	W08-05(A1)	W08-05(A1)
Sample Number			MOF-878	MOF-725	MOF-538	MOF-739	MOF-404	MOF-359
Sample Type			TRIP			TRIP		
Sample Date			09/12/89	06/19/89	03/17/89	06/19/89	01/05/89	12/06/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	J 188	J 21.9	NA	J 64.2	ND< 5.0
Antimony	60	ug/L	NA	ND< 37.0	ND< 25.0	NA	80	J 40
Barium	200	ug/L	NA	J 107	J 92.2	NA	J 103	J 76.3
Calcium	5000	ug/L	NA	102000	100000	NA	104000	105000
Chromium	10	ug/L	NA	ND< 3.7	ND< 3.1	NA	J 6.3	ND< 5.0
Copper	25	ug/L	NA	J 11.8	ND< 3.1	NA	ND< 4.0	ND< 4.0
Iron	100	ug/L	NA	194	202	NA	132	434
Magnesium	5000	ug/L	NA	102000	101000	NA	88400	106000
Manganese	15	ug/L	NA	15.3	47.8	NA	52.7	114
Nickel	40	ug/L	NA	ND< 13.2	ND< 8.6	NA	ND< 8.0	J 10.9
Potassium	5000	ug/L	NA	J 2990	J 1210	NA	J 1490	ND< 540
Silver	10	ug/L	NA	ND< 3.0	ND< 3.2	NA	J 9.0	ND< 3.0
Sodium	5000	ug/L	NA	80700	95400	NA	86100	95700
Thallium	10	ug/L	NA	J 1.5	ND< 1.0	NA	ND< 2.0	ND< 2.0
Vanadium	50	ug/L	NA	J 35.8	ND< 2.9	NA	ND< 4.0	ND< 4.0
Zinc	20	ug/L	NA	J 9.5	ND< 3.0	NA	ND< 2.0	ND< 2.0

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number			W08-05(A1)	W08-05(A1)	W08-05(A1)
Sample Number			MOF-405	MOF-879	MOF-313
Sample Type			TRIP		
Sample Date			01/05/89	09/12/89	11/17/88
Compounds	Quantitation limits	units			
Antimony	60	ug/L	NA	J 46.3	ND< 60
Barium	200	ug/L	NA	J 90.8	J 50.5
Beryllium	5	ug/L	NA	J 0.88	ND< 0.60
Calcium	5000	ug/L	NA	99600	106000
Iron	100	ug/L	NA	212	484
Lead	5	ug/L	NA	J 0.90	ND< 5.0
Magnesium	5000	ug/L	NA	101000	94800
Manganese	15	ug/L	NA	32.0	194
Potassium	5000	ug/L	NA	ND< 572	J 1050
Sodium	5000	ug/L	NA	86200	99100
Zinc	20	ug/L	NA	70.1	ND< 2.0

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number=>			W08-06(A1)	W08-06(A1)	W08-06(A1)	W08-06(A1)	W08-06(A1)	W08-06(A1)
Sample Number=>			MOF-723	MOF-349	MOF-310	MOF-312	MOF-311	MOF-414
Sample Type=>						TRIP	DUP	DUP
Sample Date=>			06/15/89	12/06/88	11/17/88	11/17/88	11/17/88	01/05/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 166	J 6.9	J 21.6	NA	J 10	ND< 5.0
Antimony	60	ug/L	J 55.3	J 48	ND< 60	NA	ND< 60	J 42
Barium	200	ug/L	J 97.1	J 79.5	J 74.9	NA	J 79.0	J 79.3
Calcium	5000	ug/L	93700	94200	96900	NA	96700	91200
Iron	100	ug/L	J 95.1	205	577	NA	648	J 77.2
Magnesium	5000	ug/L	80900	86700	90300	NA	90000	75700
Manganese	15	ug/L	40.8	75.0	105	NA	112	83.5
Mercury	.2	ug/L	ND< 0.10	0.3	ND< 0.2	NA	ND< 0.2	ND< 0.2
Potassium	5000	ug/L	J 2260	ND< 540	J 1710	NA	J 1050	ND< 540
Selenium	5	ug/L	11.5	ND< 3.0	ND< 5.0	NA	ND< 5.0	ND< 3.0
Sodium	5000	ug/L	73700	86200	83500	NA	83300	81000
Vanadium	50	ug/L	J 30.8	ND< 4.0	J 4.2	NA	ND< 4.0	ND< 4.0
Zinc	20	ug/L	J 7.1	ND< 2.0	ND< 2.0	NA	ND< 2.0	ND< 2.0

Summary of Detected Chemicals
Site 8 Water Samples by Well (Inorganics)

Well Number==========>			W08-06(A1)	W08-06(A1)
Sample Number==========>			MOF-413	MOF-537
Sample Type==========>				
Sample Date==========>			01/05/89	03/16/89
Compounds	Quantitation limits	units		
Aluminum	200	ug/L	ND< 5.0	J 18.1
Antimony	60	ug/L	ND< 60	J 32.5
Barium	200	ug/L	J 78.6	J 87.2
Calcium	5000	ug/L	92000	89200
Iron	100	ug/L	125	165
Magnesium	5000	ug/L	74000	78600
Manganese	15	ug/L	80.1	45.6
Nickel	40	ug/L	ND< 8.0	J 10.8
Potassium	5000	ug/L	ND< 540	J 899
Sodium	5000	ug/L	78700	74400
Thallium	10	ug/L	ND< 2.0	J 1.6

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 9

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units					
Well Number==========>			MEW-121(B2)	MEW-121(B2)	MEW-121(B2)	MEW-121(B2)	MEW-121(B2)
Sample Number==========>			MOF-913	MOF-741	MOF-583	MOF-63	MOF-742
Sample Type==========>							DUP
Sample Date==========>			09/25/89	06/20/89	04/11/89	09/19/88	06/20/89
Acetone	10	ug/L	ND< 10	BJ 5	BJ 3	ND< 10	BJ 2
Methylene chloride	5	ug/L	B 7	B 10	BJ 1	ND< 5	B 11
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	J 1
Bicarbonate	1	mg/L	NA	NA	220	ND< 230	NA
Chloride	.1	mg/L	NA	NA	16	ND< 18	NA
Sulfate	.2	mg/L	NA	NA	18	ND< 18	NA
TDS	10	mg/L	NA	NA	300	ND< 320	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========>			MEW-46(A2)	MEW-46(A2)	MEW-46(A2)	MEW-46(A2)	MEW-46(A2)
Sample Number==========>			MOF-924	MOF-68	MOF-603	MOF-752	MOF-925
Sample Type==========>							DUP
Sample Date==========>			09/27/89	09/19/88	04/13/89	06/22/89	09/27/89
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	J 110	ND< 5	J 3	J 84	J 100
1,1-Dichloroethane	5	ug/L	J 78	ND< 5	ND< 10	J 58	J 68
1,1-Dichloroethylene	5	ug/L	J 170	ND< 5	J 7	J 200	J 160
1,2-Dichloroethenes(Total)	5	ug/L	900	18	27	610	780
Acetone	10	ug/L	ND< 500	ND< 10	ND< 20	ND< 500	B 640
Chloroform	5	ug/L	ND< 250	ND< 5	ND< 10	290	ND< 250
Methylene chloride	5	ug/L	B 490	B 14	B 37	B 730	B 430
Trichloroethene	5	ug/L	8800	200	280	8000	7400
Bicarbonate	1	mg/L	NA	ND< 310	300	NA	NA
Chloride	.1	mg/L	NA	ND< 46	41	NA	NA
Nitrate	.1	mg/L	NA	NA	3.2	NA	NA
Sulfate	.2	mg/L	NA	ND< .2	320	NA	NA
TDS	10	mg/L	NA	ND< 890	900	NA	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number=>			MEW-75(A1)		MEW-75(A1)		MEW-75(A1)		MEW-75(A1)		MEW-75(A1)	
Sample Number=>			MOF-923		MOF-602		MOF-751		MOF-66		MOF-750	
Sample Type=>							DUP					
Sample Date=>			09/27/89		04/13/89		06/22/89		09/19/88		06/22/89	
Compounds	Quantitation limits	units										
1,1-Dichloroethane	5	ug/L	J	7	J	4	J	4		5	J	5
1,1-Dichloroethylene	5	ug/L	J	3	J	3	J	3	ND<	5	J	3
1,2-Dichloroethenes(Total)	5	ug/L		57		31		34		17		37
Acetone	10	ug/L	B	23	BJ	10	BJ	8	ND<	10	BJ	9
Methylene chloride	5	ug/L	B	21	B	35	B	14	B	7	B	24
Trichloroethene	5	ug/L		260		220		190		260		240
Bicarbonate	1	mg/L	NA			370	NA		ND<	380	NA	
Chloride	.1	mg/L	NA			46	NA		ND<	69	NA	
Sulfate	.2	mg/L	NA			1020	NA		ND<	370	NA	
TDS	10	mg/L	NA			1960	NA		ND<	1900	NA	

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========>			MEW-78(A2)	MEW-78(A2)	MEW-78(A2)	MEW-78(A2)	MEW-78(A2)
Sample Number==========>			MOF-920	MOF-921	MOF-601	MOF-67	MOF-749
Sample Type==========>				TRIP			
Sample Date==========>			09/27/89	09/27/89	04/13/89	09/19/88	06/21/89
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	J 15	ND< 5	J 22	ND< 5	J 17
1,1-Dichloroethylene	5	ug/L	J 9	ND< 5	J 17	ND< 5	J 12
Acetone	10	ug/L	B 81	B 12	BJ 35	ND< 10	BJ 22
Methylene chloride	5	ug/L	B 45	B 7	B 80	16	B 99
Trichloroethene	5	ug/L	740	ND< 5	1100	160	880
Bicarbonate	1	mg/L	NA	NA	310	ND< 320	NA
Chloride	.1	mg/L	NA	NA	55	ND< 60	NA
Nitrate	.1	mg/L	NA	NA	5.0	NA	NA
Sulfate	.2	mg/L	NA	NA	400	ND< 1100	NA
TDS	10	mg/L	NA	NA	1030	ND< 1000	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	MEW-81(A1) MOF-922	MEW-81(A1) MOF-590	MEW-81(A1) MOF-922 MSD MSD	MEW-81(A1) MOF-922 MS MS	MEW-81(A1) MOF-65	MEW-81(A1) MOF-748
Sample Date			09/27/89	04/12/89	09/27/89	09/27/89	09/19/88	06/21/89
1,1-Dichloroethane	5	ug/L	66	58	NA	NA	41	52
1,1-Dichloroethylene	5	ug/L	32	33	NA	NA	18	31
1,2-Dichloroethenes(Total)	5	ug/L	470	420	NA	NA	240	420
Acetone	10	ug/L	B 68	ND< 30	NA	NA	ND< 10	BJ 22
Methylene chloride	5	ug/L	B 48	B 18	NA	NA	ND< 5	B 64
Trichloroethene	5	ug/L	420	430	NA	NA	220	420
Bicarbonate	1	mg/L	NA	370	NA	NA	ND< 480	NA
Chloride	.1	mg/L	NA	35	NA	NA	ND< 41	NA
Sulfate	.2	mg/L	NA	490	NA	NA	ND< 520	NA
TDS	10	mg/L	NA	1170	NA	NA	ND< 1100	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units				
Well Number==========>			MEW-88(A1)	MEW-88(A1)	MEW-88(A1)	MEW-88(A1)
Sample Number==========>			MOF-918	MOF-588	MOF-64	MOF-740
Sample Type==========>						
Sample Date==========>			09/25/89	04/12/89	09/19/88	06/21/89
1,1,1-Trichloroethane	5	ug/L	J 1	ND< 5	ND< 5	ND< 5
1,1-Dichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	J 1
1,1-Dichloroethylene	5	ug/L	J 1	J 1	ND< 5	ND< 5
1,2-Dichloroethane	5	ug/L	J 2	ND< 5	ND< 5	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	J 1	ND< 5	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	J 5	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 6	B 5	B 6	B 12
Trichloroethene	5	ug/L	49	49	30	39
Bicarbonate	1	mg/L	NA	410	ND< 460	NA
Chloride	.1	mg/L	NA	45	ND< 58	NA
Nitrate	.1	mg/L	NA	7.0	NA	NA
Sulfate	.2	mg/L	NA	340	ND< 470	NA
TDS	10	mg/L	NA	1070	ND< 1200	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========> W09-01(A1)
Sample Number==========> MOF-805
Sample Type==========> TRIP
Sample Date==========> 07/27/89

Compounds	Quantitation limits	units		
Acetone	10	ug/L		19
Chloroform	5	ug/L	J	2
Methylene chloride	5	ug/L	B	16

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=>			W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)
Sample Number=>			MOF-910	MOF-912	MOF-549	MOF-75	MOF-294	MOF-300
Sample Type=>				TRIP		TRIP	TRIP	
Sample Date=>			09/21/89	09/21/89	03/13/89	09/22/88	11/14/88	11/14/88
Acetone	10	ug/L	ND< 10	ND< 10	BJ 2	ND< 10	ND< 10	ND< 10
Chloroform	5	ug/L	ND< 5	J 2	ND< 5	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	BJ 2	B 7	B 14	B 16	B 29	ND< 5
Trichloroethene	5	ug/L	ND< 5	J 2	ND< 5	ND< 5	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	NA	210	NA	NA	210
Chloride	.1	mg/L	NA	NA	18	NA	NA	17
Sulfate	.2	mg/L	NA	NA	14	NA	NA	13
TDS	10	mg/L	NA	NA	270	NA	NA	270

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W09-03(C) MOF-911 DUP 09/21/89	W09-03(C) MOF-74 SPLIT 09/22/88	W09-03(C) MOF-734 06/13/89	W09-03(C) MOF-735 TRIP 06/13/89	W09-03(C) MOF-550 TRIP 03/13/89	W09-03(C) MOF-123 10/05/88
Acetone	10	ug/L	ND< 10	ND< 10	ND< 10	B 13	BJ 5	ND< 10
Benzene	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	ND< 5	ND< 5
Chloroform	5	ug/L	ND< 5	ND< 5	J 2	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	BJ 2	B 6.2	B 17	B 20	B 17	ND< 5
Toluene	5	ug/L	ND< 5	ND< 5	J 2	J 1	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	36	ND< 5	ND< 5	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	37	ND< 10	NA	NA	ND< 10
Bicarbonate	1	mg/L	NA	530	NA	NA	NA	210
Chloride	.1	mg/L	NA	18	NA	NA	NA	2.0
Fluoride	.1	mg/L	NA	ND< 0.4	NA	NA	NA	18
Sulfate	.2	mg/L	NA	29	NA	NA	NA	14
TDS	10	mg/L	NA	260	NA	NA	NA	300

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)
Sample Number==========>			MOF-892	MOF-100	MOF-99	MOF-292	MOF-291	MOF-732
Sample Type==========>				TRIP		TRIP		
Sample Date==========>			09/13/89	10/03/88	10/04/88	11/11/88	11/11/88	06/12/89
Methylene chloride	5	ug/L	B 6	B 22	14	B 10	ND< 5	B 15
Toluene	5	ug/L	ND< 5	J 3	ND< 5	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	16	ND< 5	ND< 5	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	NA	ND< 10	NA	18	ND< 10
Bicarbonate	1	mg/L	NA	NA	240	NA	230	NA
Chloride	.1	mg/L	NA	NA	20	NA	16	NA
Sulfate	.2	mg/L	NA	NA	20	NA	21	NA
TDS	10	mg/L	NA	NA	200	NA	300	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========>			W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)
Sample Number==========>			MOF-540	MOF-72	MOF-733	MOF-536
Sample Type==========>					TRIP	TRIP
Sample Date==========>			03/14/89	09/21/88	06/12/89	03/14/89
Compounds	Quantitation limits	units				
Acetone	10	ug/L	BJ 5	ND< 10	B 11	BJ 7
Methylene chloride	5	ug/L	B 30	B 8	B 18	B 24
Bicarbonate	1	mg/L	220	230	NA	NA
Chloride	.1	mg/L	16	17	NA	NA
Fluoride	.1	mg/L	ND< 0.4	.72	NA	NA
Sulfate	.2	mg/L	21	21	NA	NA
TDS	10	mg/L	300	290	NA	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W09-05(B3)	W09-05(B3)	W09-05(B3)	W09-05(B3)	W09-05(B3)	W09-05(B3)
Sample Number=====>			MOF-886	MOF-293	MOF-885	MOF-720	MOF-71	MOF-70
Sample Type=====>			DUP		TRIP		DUP	
Sample Date=====>			09/13/89	11/11/88	09/13/89	06/12/89	09/21/88	09/21/88
Acetone	10	ug/L	B 25	ND< 10	B 24	BJ 6	12	30
Chloroform	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	19	34
Methylene chloride	5	ug/L	BJ 3	ND< 5	B 6	B 14	B 8	B 14
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	J 4	NA	ND< 10	ND< 10	44
Bicarbonate	1	mg/L	NA	230	NA	NA	240	240
Chloride	.1	mg/L	NA	18	NA	NA	25	25
Fluoride	.1	mg/L	NA	ND< 0.8	NA	NA	.71	0.72
Sulfate	.2	mg/L	NA	15	NA	NA	19	17
TDS	10	mg/L	NA	280	NA	NA	260	300

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========>			W09-05(B3)	W09-05(B3)	W09-05(B3)	W09-05(B3)
Sample Number==========>			MOF-98	MOF-552	MOF-551	MOF-884
Sample Type==========>			SPLIT	DUP		
Sample Date==========>			10/03/88	03/14/89	03/14/89	09/13/89
Compounds	Quantitation limits	units				
Acetone	10	ug/L	21	BJ 6	BJ 4	ND< 10
Methylene chloride	5	ug/L	17	B 13	B 24	BJ 3
Trichloroethene	5	ug/L	J 3	ND< 5	ND< 5	ND< 5
Bicarbonate	1	mg/L	216	220	220	NA
Carbonate	1	mg/L	14	ND< 1	ND< 1	NA
Chloride	.1	mg/L	27	16	16	NA
Sulfate	.2	mg/L	16	17	17	NA
TDS	10	mg/L	300	290	280	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number==========>			W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)
Sample Number==========>			MOF-890	MOF-891	MOF-737	MOF-115	MOF-548	MOF-285
Sample Type==========>					TRIP			
Sample Date==========>			09/14/89	09/12/89	06/14/89	10/04/88	03/10/89	11/10/88
1,1,1-Trichloroethane	5	ug/L	ND< 5	34	J 2	ND< 5	49	ND< 5
1,1-Dichloroethane	5	ug/L	ND< 5	8	ND< 5	ND< 5	ND< 5	ND< 5
1,1-Dichloroethylene	5	ug/L	ND< 5	6	ND< 5	ND< 5	J 2	ND< 5
1,2-Dichloroethane	5	ug/L	5	ND< 5	ND< 5	5.4	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	ND< 10	13	ND< 10	BJ< 3	BJ 6
Methylene chloride	5	ug/L	B 5	BJ 1	B 8	B 17	B 16	B 5
Chrysene	10	ug/L	ND< 10	ND< 10	NA	ND< 10	ND< 10	J 3
Di-n-butylphthalate	10	ug/L	ND< 10	J 2	NA	ND< 10	ND< 10	ND< 10
Diethylphthalate	10	ug/L	ND< 10	ND< 10	NA	ND< 10	ND< 10	BJ 5
Pyrene	10	ug/L	ND< 10	ND< 10	NA	ND< 10	ND< 10	J 2
Bicarbonate	1	mg/L	NA	NA	NA	470	400	460
Chloride	.1	mg/L	NA	NA	NA	30	30	29
Nitrate	.1	mg/L	NA	NA	NA	NA	0.1	0.2
Nitrate (as N)	.1	mg/L	NA	NA	NA	0.22	NA	NA
Sulfate	.2	mg/L	NA	NA	NA	290	300	280
TDS	10	mg/L	NA	NA	NA	940	880	880

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units				
Well Number==========>			W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)
Sample Number==========>			MOF-286	MOF-34	MOF-288	MOF-736
Sample Type==========>			TRIP		DUP	
Sample Date==========>			11/10/88	09/06/88	11/10/88	06/14/89
1,1,1-Trichloroethane	5	ug/L	J 3	ND< 5	J 3	J 2
1,2-Dichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	6
Acetone	10	ug/L	BJ 8	ND< 10	BJ 8	21
Methylene chloride	5	ug/L	B 11	5	BJ 3	BJ 4
Total xylenes	5	ug/L	ND< 5	ND< 5	ND< 5	J 3
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	J 5.4	ND< 10	ND< 10
Bicarbonate	1	mg/L	NA	590	460	NA
Chloride	.1	mg/L	NA	35	26	NA
Fluoride	.1	mg/L	NA	2.8	ND< 2	NA
Nitrate	.1	mg/L	NA	NA	0.20	NA
Nitrate (as N)	.1	mg/L	NA	0.95	NA	NA
Sulfate	.2	mg/L	NA	250	270	NA
TDS	10	mg/L	NA	1040	910	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W09-07(A1) MOF-887 TRIP 09/14/89	W09-07(A1) MOF-62 09/21/88	W09-07(A1) MOF-111 10/03/88	W09-07(A1) MOF-542 03/08/89	W09-07(A1) MOF-543 TRIP 03/08/89	W09-07(A1) MOF-708 06/08/89
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	59	J 3	ND< 5	J 57
1,1-Dichloroethane	5	ug/L	ND< 5	ND< 5	63	J 4	ND< 5	J 71
1,1-Dichloroethylene	5	ug/L	ND< 5	ND< 5	87	5	ND< 5	J 93
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	ND< 5	92	6	ND< 5	J 120
Acetone	10	ug/L	14	ND< 10	ND< 100	B 11	B 10	BJ 130
Methylene chloride	5	ug/L	B 12	B 16	110	B 18	B 11	B 310
Trichloroethene	5	ug/L	ND< 5	150	3300	180	ND< 5	3800
Bis(2-Ethylhexyl)phthalate	10	ug/L	NA	J 4	ND< 10	ND< 10	NA	ND< 10
Bicarbonate	1	mg/L	NA	300	310	300	NA	NA
Chloride	.1	mg/L	NA	41	42	32	NA	NA
Nitrate	.1	mg/L	NA	NA	NA	1.5	NA	NA
Nitrate (as N)	.1	mg/L	NA	1.4	1.6	NA	NA	NA
Sulfate	.2	mg/L	NA	290	280	230	NA	NA
TDS	10	mg/L	NA	830	830	790	NA	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========>			W09-07(A1)	W09-07(A1)	W09-07(A1)
Sample Number==========>			MOF-73	MOF-289	MOF-888
Sample Type==========>			TRIP		
Sample Date==========>			09/21/88	11/10/88	09/14/89
Compounds	Quantitation limits	units			
1,1,1-Trichloroethane	5	ug/L	ND< 5	J 42	J 36
1,1-Dichloroethane	5	ug/L	ND< 5	52	J 64
1,1-Dichloroethylene	5	ug/L	ND< 5	ND< 50	J 82
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	69	130
Acetone	10	ug/L	ND< 10	BJ 63	BJ 240
Methylene chloride	5	ug/L	B 21	B 200	B 220
Trichloroethene	5	ug/L	ND< 5	2450	3100
4-Nitrophenol	50	ug/L	NA	60	ND< 50
Pentachlorophenol	50	ug/L	NA	J 8	ND< 50
Bicarbonate	1	mg/L	NA	300	NA
Chloride	.1	ug/L	NA	39	NA
Nitrate	.1	ug/L	NA	1.5	NA
Sulfate	.2	ug/L	NA	260	NA
TDS	10	mg/L	NA	760	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W09-13(A2) MOF-889 09/14/89	W09-13(A2) MOF-112 10/03/88	W09-13(A2) MOF-731 TRIP 06/09/89	W09-13(A2) MOF-535 03/08/89	W09-13(A2) MOF-269 FIELD 11/11/88	W09-13(A2) MOF-268 11/11/88
1,1,1-Trichloroethane	5	ug/L	J 36	88	ND< 5	J 3	ND< 5	ND< 170
1,1-Dichloroethane	5	ug/L	J 46	46	ND< 5	J 3	ND< 5	ND< 170
1,1-Dichloroethylene	5	ug/L	J 60	67	ND< 5	J 4	ND< 5	J 90
1,2-Dichloroethenes(Total)	5	ug/L	J 83	62	ND< 5	6	ND< 5	J 80
Acetone	10	ug/L	BJ 200	ND< 200	BJ 4	B 23	ND< 10	ND< 330
Methylene chloride	5	ug/L	B 230	210	B 13	B 25	ND< 5	B 260
Toluene	5	ug/L	ND< 120	26	ND< 5	ND< 5	ND< 5	ND< 170
Trichloroethene	5	ug/L	2800	2800	ND< 5	170	ND< 5	4260
Bicarbonate	1	mg/L	NA	300	NA	300	ND< 1.0	300
Chloride	.1	mg/L	NA	44	NA	40	0.2	40
Nitrate	.1	mg/L	NA	NA	NA	2.3	ND< 0.1	2.1
Nitrate (as N)	.1	mg/L	NA	2.2	NA	NA	NA	NA
Sulfate	.2	mg/L	NA	280	NA	240	ND< 0.2	270
TDS	10	mg/L	NA	860	NA	790	ND< 10	860

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units				
Well Number=====>			W09-13(A2)		W09-13(A2)	
Sample Number=====>			MOF-69		MOF-709	
Sample Type=====>						
Sample Date=====>			09/21/88		06/09/89	
1,1,1-Trichloroethane	5	ug/L	J	25	J	44
1,1-Dichloroethane	5	ug/L	J	35	J	49
1,1-Dichloroethylene	5	ug/L	J	37	J	75
1,2-Dichloroethenes(Total)	5	ug/L	J	45	J	70
Methylene chloride	5	ug/L	B	180	B	460
Trichloroethene	5	ug/L		1300		3300
Bis(2-Ethylhexyl)phthalate	10	ug/L		27	ND<	10
Bicarbonate	1	mg/L		380	NA	
Chloride	.1	ug/L		46	NA	
Nitrate (as N)	.1	ug/L		1.8	NA	
Sulfate	.2	ug/L		300	NA	
TDS				840	NA	

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number=>			W09-14(A2)	W09-14(A2)	W09-14(A2)	W09-14(A2)	W09-14(A2)	W09-14(A2)
Sample Number=>			MOF-894	MOF-118	MOF-119	MOF-544	MOF-545	MOF-76
Sample Type=>				TRIP			TRIP	
Sample Date=>			09/15/89	10/04/88	10/04/88	03/09/89	03/09/89	09/22/88
Compounds	Quantitation limits	units						
1,1-Dichloroethylene	5	ug/L	J 300	ND< 5	J 2.5	J 200	ND< 5	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	J 600	ND< 5	6.9	J 600	ND< 5	ND< 5
Acetone	10	ug/L	B 2600	ND< 10	ND< 10	B 3200	B 12	ND< 10
Methylene chloride	5	ug/L	B 1300	7	11	B 6800	B 14	B 18
Toluene	5	ug/L	ND< 1000	ND< 5	ND< 5	ND< 1000	J 1	ND< 5
Trichloroethene	5	ug/L	36000	ND< 5	230	30000	ND< 5	160
Di-n-butylphthalate	10	ug/L	J 2	NA	ND< 10	ND< 10	NA	ND< 10
Bicarbonate	1	mg/L	NA	NA	260	260	NA	270
Chloride	.1	mg/L	NA	NA	46	47	NA	45
Nitrate	.1	mg/L	NA	NA	NA	2.5	NA	NA
Nitrate (as N)	.1	mg/L	NA	NA	1.9	NA	NA	2.3
Sulfate	.2	mg/L	NA	NA	280	260	NA	270
TDS	10	mg/L	NA	NA	780	770	NA	800

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========>			W09-14(A2)	W09-14(A2)	W09-14(A2)	W09-14(A2)
Sample Number==========>			MOF-290	MOF-896	MOF-895	MOF-707
Sample Type==========>				TRIP	DUP	
Sample Date==========>			11/10/88	09/15/89	09/15/89	06/08/89
Compounds	Quantitation limits	units				
1,1-Dichloroethylene	5	ug/L	ND< 1000	ND< 5	J 320	ND< 1300
1,2-Dichloroethenes(Total)	5	ug/L	J 470	ND< 5	J 650	J 580
Acetone	10	ug/L	BJ 1950	B 34	ND< 2000	ND< 2500
Methylene chloride	5	ug/L	B 1300	B 10	B 1400	B 3000
Trichloroethene	5	ug/L	B 21700	ND< 5	E 41000	32000
Bicarbonate	1	mg/L	270	NA	NA	NA
Chloride	.1	mg/L	45	NA	NA	NA
Nitrate	.1	mg/L	2.4	NA	NA	NA
Sulfate	.2	mg/L	250	NA	NA	NA
TDS	10	mg/L	720	NA	NA	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=>			W09-15(B2)	W09-15(B2)	W09-15(B2)	W09-15(B2)	W09-15(B2)	W09-15(B2)
Sample Number=>			MOF-897	MOF-717	MOF-546	MOF-287	MOF-547	MOF-114
Sample Type=>				TRIP			TRIP	
Sample Date=>			09/15/89	06/08/89	03/10/89	11/10/88	03/10/89	10/04/88
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	9	ND< 5
Acetone	10	ug/L	B 17	BJ 3	BJ 5	BJ 4	BJ 7	ND< 10
Chloroform	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 6	B 9	B 10	B 9	BJ 3	B 15
Di-n-butylphthalate	10	ug/L	J 2	NA	ND< 10	ND< 10	NA	ND< 10
Bicarbonate	1	mg/L	NA	NA	230	220	NA	220
Chloride	.1	mg/L	NA	NA	18	22	NA	18
Sulfate	.2	mg/L	NA	NA	31	22	NA	24
TDS	10	mg/L	NA	NA	300	300	NA	310

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units				
Well Number==========>			W09-15(B2)	W09-15(B2)	W09-15(B2)	W09-15(B2)
Sample Number==========>			MOF-117	MOF-80	MOF-716	MOF-79
Sample Type==========>			DUP	DUP		
Sample Date==========>			10/04/88	09/22/88	06/08/89	09/22/88
Acetone	10	ug/L	ND< 10	ND< 10	BJ 5	ND< 10
Benzene	5	ug/L	J 4	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	J 4.6	B 10	B 6	B 7.4
Toluene	5	ug/L	J 2.1	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	7.6
Bicarbonate	1	mg/L	220	230	NA	230
Chloride	.1	ug/L	16	19	NA	17
Sulfate	.2	ug/L	24	24	NA	31
TDS	10	mg/L	300	320	NA	330

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W09-27(A2)	W09-27(A2)	W09-27(A2)	W09-27(A2)	W09-27(A2)	W09-27(A2)
Sample Number=====>			MOF-893	MOF-553	MOF-554	MOF-276	MOF-270	MOF-113
Sample Type=====>					TRIP	TRIP	SPLIT	
Sample Date=====>			09/14/89	03/15/89	03/15/89	11/14/88	11/14/88	10/03/88
1,1,1-Trichloroethane	5	ug/L	J 3	J 2	ND< 5	NA	ND< 5	ND< 5
1,1-Dichloroethane	5	ug/L	J 2	ND< 5	ND< 5	NA	ND< 5	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	J 2	8	ND< 5	NA	10	48
Acetone	10	ug/L	B 23	B 10	BJ 7	NA	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 5	B 10	B 13	NA	ND< 5	ND< 12
Toluene	5	ug/L	ND< 5	ND< 5	J 1	NA	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	NA	ND< 5	J 2
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	NA	NA	BJ 1	ND< 10
Bicarbonate	1	mg/L	NA	280	NA	NA	300	290
Chloride	.1	mg/L	NA	48	NA	NA	47	75
Nitrate	.1	mg/L	NA	ND< 0.1	NA	NA	ND< 0.5	
Sulfate	.2	mg/L	NA	100	NA	NA	93	90
TDS	10	mg/L	NA	520	NA	NA	530	560

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========>			W09-27(A2)	W09-27(A2)	W09-27(A2)	W09-27(A2)	W09-27(A2)
Sample Number==========>			MOF-718	MOF-719	MOF-81	MOF-81MSD	MOF-81MS
Sample Type==========>				DUP		MSD	MS
Sample Date==========>			06/09/89	06/09/89	09/22/88	09/22/88	09/22/88
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	J 3	J 4	ND< 5	NA	NA
1,1-Dichloroethane	5	ug/L	J 2	J 2	ND< 5	NA	NA
1,2-Dichloroethenes(Total)	5	ug/L	J 2	J 3	ND< 5	NA	NA
Acetone	10	ug/L	BJ 6	ND< 10	ND< 10	NA	NA
Methylene chloride	5	ug/L	B 10	B 6	B 6.8	NA	NA
Bicarbonate	1	mg/L	NA	NA	290	NA	NA
Chloride	.1	mg/L	NA	NA	78	NA	NA
Nitrate	.1	mg/L	NA	NA	NA	NA	NA
Sulfate	.2	mg/L	NA	NA	120	NA	NA
TDS	10	mg/L	NA	NA	580	NA	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========> W09-FB
Sample Number==========> MOF-110
Sample Type==========> FIELD
Sample Date==========> 10/03/88

Compounds	Quantitation limits	units		
Methylene chloride	5	ug/L	B	11
Trichloroethene	5	ug/L		15

Summary of Detected Chemicals
Site 9 Water Samples by Well (Organics)

Well Number==========> W09-TB
Sample Number==========> MOF-35
Sample Type==========> TRIP
Sample Date==========> 09/06/88

Compounds	Quantitation limits	units	
Methylene chloride	5	ug/L	15

Inorganic Data

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)
Sample Number			MOF-910	MOF-912	MOF-549	MOF-75	MOF-294	MOF-300
Sample Type				TRIP		TRIP	TRIP	
Sample Date			09/21/89	09/21/89	03/13/89	09/22/88	11/14/88	11/14/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 20.9	NA	J 37.7	NA	NA	J 67.6
Antimony	60	ug/L	ND< 18.0	NA	J 27.5	NA	NA	J 19
Barium	200	ug/L	J 109	NA	J 109	NA	NA	J 76.6
Beryllium	5	ug/L	ND< 0.60	NA	ND< 0.50	NA	NA	J 1.8
Calcium	5000	ug/L	31900	NA	36000	NA	NA	33900
Iron	100	ug/L	J 3.1	NA	J 12.5	NA	NA	ND< 6.0
Magnesium	5000	ug/L	11600	NA	13400	NA	NA	13900
Manganese	15	ug/L	66.0	NA	66.2	NA	NA	68.2
Potassium	5000	ug/L	J 1930	NA	J 2570	NA	NA	J 3010
Selenium	5	ug/L	J 1.1	NA	ND< 2.5	NA	NA	ND< 5.0
Silver	10	ug/L	J 3.5	NA	J 3.4	NA	NA	J 7.5
Sodium	5000	ug/L	49300	NA	51800	NA	NA	49700
Vanadium	50	ug/L	J 5.3	NA	J 3.5	NA	NA	J 9.8
Zinc	20	ug/L	J 2.8	NA	ND< 3.0	NA	NA	J 4.8

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)	W09-03(C)
Sample Number			MOF-911	MOF-74	MOF-734	MOF-735	MOF-550	MOF-123
Sample Type			DUP	SPLIT		TRIP	TRIP	
Sample Date			09/21/89	09/22/88	06/13/89	06/13/89	03/13/89	10/05/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 19.8	ND< 5.0	J 105	NA	NA	ND< 5.0
Arsenic	10	ug/L	ND< 1.9	ND< 5.0	J 3.5	NA	NA	ND< 7.0
Barium	200	ug/L	J 111	J 71.6	J 107	NA	NA	J 95.6
Beryllium	5	ug/L	ND< 0.60	J 1.4	ND< 1.7	NA	NA	ND< 0.60
Calcium	5000	ug/L	32200	33800	35600	NA	NA	35700
Iron	100	ug/L	J 2.4	ND< 6.0	J 15.4	NA	NA	ND< 6.0
Magnesium	5000	ug/L	11700	13100	12800	NA	NA	13700
Manganese	15	ug/L	67.3	90.3	59.8	NA	NA	82.1
Potassium	5000	ug/L	J 2000	J 1060	J 1580	NA	NA	J 1410
Silver	10	ug/L	ND< 3.1	ND< 3.0	J 4.7	NA	NA	ND< 3.0
Sodium	5000	ug/L	49400	51100	49800	NA	NA	50100
Vanadium	50	ug/L	J 4.0	ND< 4.0	J 13.3	NA	NA	ND< 4.0
Zinc	20	ug/L	184	J 8.2	ND< 5.9	NA	NA	ND< 2.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)
Sample Number			MOF-892	MOF-100	MOF-99	MOF-292	MOF-291	MOF-732
Sample Type				TRIP		TRIP		
Sample Date			09/13/89	10/03/88	10/04/88	11/11/88	11/11/88	06/12/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 39.8	NA	ND< 5.0	NA	J 12.1	J 85.4
Antimony	60	ug/L	ND< 18.0	NA	J 24.2	NA	J 25	ND< 37.0
Arsenic	10	ug/L	12.0	NA	13.0	NA	12.8	14.0
Barium	200	ug/L	J 94.4	NA	J 94.7	NA	J 101	J 107
Calcium	5000	ug/L	43500	NA	46300	NA	44400	45400
Iron	100	ug/L	J 48.2	NA	J 65.8	NA	J 51.3	J 59.1
Lead	5	ug/L	J 1.1	NA	ND< 5.0	NA	ND< 3.0	ND< 1.9
Magnesium	5000	ug/L	17300	NA	20900	NA	19500	19000
Manganese	15	ug/L	119	NA	123	NA	123	119
Potassium	5000	ug/L	J 1570	NA	J 1200	NA	J 846	J 3100
Silver	10	ug/L	J 3.9	NA	ND< 3.0	NA	ND< 3.0	J 3.7
Sodium	5000	ug/L	38700	NA	42800	NA	39800	39100
Vanadium	50	ug/L	ND< 3.3	NA	ND< 4.0	NA	ND< 4.0	J 10.9
Zinc	20	ug/L	J 3.0	NA	J 2.1	NA	J 3.3	ND< 5.9

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number==========>			W09-04(B2)	W09-04(B2)	W09-04(B2)	W09-04(B2)
Sample Number==========>			MOF-540	MOF-72	MOF-733	MOF-536
Sample Type==========>					TRIP	TRIP
Sample Date==========>			03/14/89	09/21/88	06/12/89	03/14/89
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	J 22.9	ND< 5.0	NA	NA
Antimony	60	ug/L	ND< 25.0	J 30.7	NA	NA
Arsenic	10	ug/L	15.3	ND< 5.0	NA	NA
Barium	200	ug/L	J 102	J 96.7	NA	NA
Calcium	5000	ug/L	46900	45600	NA	NA
Iron	100	ug/L	J 60.2	J 58.1	NA	NA
Magnesium	5000	ug/L	20100	15400	NA	NA
Manganese	15	ug/L	127	123	NA	NA
Potassium	5000	ug/L	J 1530	ND< 540	NA	NA
Sodium	5000	ug/L	40300	42400	NA	NA
Thallium	10	ug/L	J 2.3	ND< 5.0	NA	NA
Zinc	20	ug/L	ND< 3.0	J 3.7	NA	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number==========>			W09-05(B3)	W09-05(B3)	W09-05(B3)	W09-05(B3)	W09-05(B3)	W09-05(B3)
Sample Number==========>			MOF-886	MOF-293	MOF-885	MOF-720	MOF-71	MOF-70
Sample Type==========>			DUP		TRIP		DUP	
Sample Date==========>			09/13/89	11/11/88	09/13/89	06/12/89	09/21/88	09/21/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 26.5	ND< 5.0	NA	J 102	1080	840
Antimony	60	ug/L	ND< 18.0	ND< 60	NA	ND< 37.0	J 27.2	ND< 24.0
Arsenic	10	ug/L	J 9.6	ND< 7.0	NA	J 9.8	ND< 5.0	ND< 5.0
Barium	200	ug/L	J 111	J 52.5	NA	J 130	J 81.8	J 84.1
Calcium	5000	ug/L	32400	32900	NA	34400	31300	31800
Iron	100	ug/L	J 66.7	J 46.0	NA	J 58.8	1010	893
Lead	5	ug/L	J 1.1	ND< 3.0	NA	ND< 1.9	ND< 5.0	ND< 5.0
Magnesium	5000	ug/L	15700	16900	NA	17500	12900	13700
Manganese	15	ug/L	102	83.1	NA	103	81.5	81.5
Mercury	.2	ug/L	J 0.050	ND< 0.2	NA	ND< 0.10	ND< 0.2	ND< 0.2
Potassium	5000	ug/L	J 1520	J 818	NA	J 3910	J 2460	J 1940
Silver	10	ug/L	ND< 3.1	ND< 3.0	NA	J 6.0	ND< 3.0	ND< 3.0
Sodium	5000	ug/L	53900	55400	NA	52300	60800	60900
Thallium	10	ug/L	ND< 1.7	ND< 2.0	NA	J 1.7	ND< 5.0	ND< 5.0
Vanadium	50	ug/L	ND< 3.3	ND< 4.0	NA	J 13.1	J 4.4	ND< 4.0
Zinc	20	ug/L	J 3.4	ND< 2.0	NA	ND< 5.9	J 4.8	J 6.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units										
Well Number			W09-05(B3)			W09-05(B3)			W09-05(B3)			W09-05(B3)		
Sample Number			MOF-98			MOF-552			MOF-551			MOF-884		
Sample Type			SPLIT			DUP								
Sample Date			10/03/88			03/14/89			03/14/89			09/13/89		
Aluminum	200	ug/L		ND<	5.0		ND<	13.0		J	36.4		J	21.0
Antimony	60	ug/L		ND<	24.0		ND<	25.0		J	47.7		ND<	18.0
Arsenic	10	ug/L		J	9.0			10.4			10.6		J	9.3
Barium	200	ug/L		J	69.0		J	118		J	130		J	108
Calcium	5000	ug/L			31500			32400			35100			32100
Iron	100	ug/L		J	34.9		J	49.9		J	60.2		J	67.0
Lead	5	ug/L		ND<	5.0		ND<	1.4		ND<	1.4		J	1.0
Magnesium	5000	ug/L			16800			17700			18100			15600
Manganese	15	ug/L			86.6			99.5			110			102
Nickel	40	ug/L		ND<	8.0		J	13.2		ND<	8.6		ND<	6.8
Potassium	5000	ug/L		J	577		ND<	422		J	2100		J	1140
Silver	10	ug/L		ND<	3.0		ND<	3.2		J	4.1		ND<	3.1
Sodium	5000	ug/L			54900			54400			53300			53100
Thallium	10	ug/L		ND<	5.0		ND<	1.0		J	2.8		ND<	1.7
Vanadium	50	ug/L		ND<	4.0		ND<	2.9		J	3.1		ND<	3.3
Zinc	20	ug/L		J	2.5		ND<	3.0		J	4.8		J	2.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number==========>			W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)
Sample Number==========>			MOF-890	MOF-891	MOF-737	MOF-115	MOF-548	MOF-285
Sample Type==========>					TRIP			
Sample Date==========>			09/14/89	09/12/89	06/14/89	10/04/88	03/10/89	11/10/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 114	ND< 18.0	NA	ND< 5.0	ND< 13.0	ND< 5.0
Antimony	60	ug/L	ND< 18.0	J 31.9	NA	76.1	ND< 25.0	ND< 60
Arsenic	10	ug/L	J 2.9	ND< 1.9	NA	J 5.0	J 4.5	ND< 7.0
Barium	200	ug/L	J 38.4	J 93.4	NA	J 31.3	J 19.3	J 45.9
Beryllium	5	ug/L	ND< 0.060	J 1.2	NA	ND< 0.60	ND< 0.50	J 1.3
Calcium	5000	ug/L	160000	86200	NA	157000	147000	158000
Chromium	10	ug/L	ND< 4.1	J 4.5	NA	ND< 5.0	ND< 3.1	ND< 5.0
Iron	100	ug/L	1680	J 76.0	NA	2240	1970	2100
Lead	5	ug/L	J 1.0	J 1.2	NA	ND< 5.0	ND< 1.4	ND< 3.0
Magnesium	5000	ug/L	58400	76100	NA	77700	54900	69000
Manganese	15	ug/L	253	54.2	NA	476	215	385
Nickel	40	ug/L	ND< 6.8	J 8.1	NA	ND< 8.0	ND< 8.6	J 9.0
Potassium	5000	ug/L	J 4610	ND< 572	NA	J 1510	J 653	ND< 540
Selenium	5	ug/L	ND< 1.0	J 2.8	NA	ND< 5.0	ND< 2.5	ND< 3.0
Silver	10	ug/L	J 5.5	ND< 3.1	NA	ND< 3.0	ND< 3.2	ND< 3.0
Sodium	5000	ug/L	56400	74300	NA	59300	47000	55000
Thallium	10	ug/L	ND< 1.0	ND< 1.7	NA	ND< 5.0	J 1.8	ND< 2.0
Vanadium	50	ug/L	J 13.4	J 8.8	NA	ND< 4.0	ND< 2.9	ND< 4.0
Zinc	20	ug/L	J 12.0	J 13.4	NA	ND< 2.0	ND< 3.0	ND< 2.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-06(A1)	W09-06(A1)	W09-06(A1)	W09-06(A1)
Sample Number			MOF-286	MOF-34	MOF-288	MOF-736
Sample Type			TRIP		DUP	
Sample Date			11/10/88	09/06/88	11/10/88	06/14/89
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	NA	ND< 5.0	ND< 5.0	J 184
Antimony	60	ug/L	NA	129	ND< 60	ND< 37.4
Arsenic	10	ug/L	NA	ND< 5.0	ND< 7.0	J 3.3
Barium	200	ug/L	NA	J 35.9	J 41.0	J 46.0
Beryllium	5	ug/L	NA	ND< 0.60	J 0.79	ND< 1.7
Calcium	5000	ug/L	NA	142000	157000	159000
Iron	100	ug/L	NA	1240	1930	2200
Lead	5	ug/L	NA	ND< 5.0	ND< 3.0	J 1.9
Magnesium	5000	ug/L	NA	90000	68200	62200
Manganese	15	ug/L	NA	762	362	244
Nickel	40	ug/L	NA	ND< 8.0	J 12.8	ND< 13.3
Potassium	5000	ug/L	NA	J 931	ND< 540	J 3900
Sodium	5000	ug/L	NA	77000	53200	46900
Vanadium	50	ug/L	NA	ND< 4.0	ND< 4.0	J 23.9

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-07(A1)	W09-07(A1)	W09-07(A1)	W09-07(A1)	W09-07(A1)	W09-07(A1)
Sample Number			MOF-887	MOF-62	MOF-111	MOF-542	MOF-543	MOF-708
Sample Type			TRIP				TRIP	
Sample Date			09/14/89	09/21/88	10/03/88	03/08/89	03/08/89	06/08/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	ND< 5.0	ND< 5.0	458	NA	J 97.4
Antimony	60	ug/L	NA	J 48.1	J 36.1	64.8	NA	ND< 37.4
Barium	200	ug/L	NA	J 42.7	J 48.0	J 48.5	NA	J 50.9
Calcium	5000	ug/L	NA	147000	146000	142000	NA	151000
Iron	100	ug/L	NA	300	J 65.1	129	NA	J 89.2
Magnesium	5000	ug/L	NA	49700	48600	43500	NA	48600
Manganese	15	ug/L	NA	115	84.6	52.8	NA	46.4
Mercury	.2	ug/L	NA	ND< 0.2	ND< 0.2	J 0.1	NA	ND< 0.10
Nickel	40	ug/L	NA	ND< 8.0	ND< 8.0	J 12.3	NA	ND< 13.3
Potassium	5000	ug/L	NA	J 1530	ND< 540	15400	NA	J 4110
Selenium	5	ug/L	NA	ND< 5.0	ND< 5.0	5.0	NA	10.9
Silver	10	ug/L	NA	J 4.6	ND< 3.0	ND< 3.2	NA	J 6.8
Sodium	5000	ug/L	NA	46100	38400	35200	NA	38000
Vanadium	50	ug/L	NA	ND< 4.0	ND< 4.0	51.1	NA	J 15.8
Zinc	20	ug/L	NA	J 9.5	J 2.5	ND< 3.0	NA	ND< 5.9

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-07(A1)	W09-07(A1)	W09-07(A1)
Sample Number			MOF-73	MOF-289	MOF-888
Sample Type			TRIP		
Sample Date			09/21/88	11/10/88	09/14/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	NA	ND< 5.0	J 67.3
Barium	200	ug/L	NA	J 55.6	J 40.1
Beryllium	5	ug/L	NA	J 1.6	ND< 0.060
Calcium	5000	ug/L	NA	154000	144000
Iron	100	ug/L	NA	106	J 79.1
Magnesium	5000	ug/L	NA	49200	44500
Manganese	15	ug/L	NA	78.3	63.5
Potassium	5000	ug/L	NA	ND< 540	J 2700
Selenium	5	ug/L	NA	6.9	12.7
Sodium	5000	ug/L	NA	38600	37300
Vanadium	50	ug/L	NA	ND< 4.0	J 8.7
Zinc	20	ug/L	NA	ND< 2.0	J 8.8

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-13(A2)	W09-13(A2)	W09-13(A2)	W09-13(A2)	W09-13(A2)	W09-13(A2)
Sample Number			MOF-889	MOF-112	MOF-731	MOF-535	MOF-269	MOF-268
Sample Type					TRIP		FIELD	
Sample Date			09/14/89	10/03/88	06/09/89	03/08/89	11/11/88	11/11/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 101	ND< 5.0	NA	427	J 38.6	ND< 5.0
Antimony	60	ug/L	ND< 18.0	J 35.2	NA	J 52.0	J 29	ND< 60
Barium	200	ug/L	J 22.2	J 22.7	NA	J 33.1	ND< 7.0	J 26.3
Cadmium	5	ug/L	ND< 3.0	ND< 5.0	NA	J 3.7	ND< 5.0	ND< 5.0
Calcium	5000	ug/L	139000	149000	NA	147000	J 61.0	154000
Iron	100	ug/L	133	J 31.6	NA	J 85.7	ND< 6.0	J 45.6
Magnesium	5000	ug/L	42400	50200	NA	44100	ND< 100	50300
Manganese	15	ug/L	25.2	38.2	NA	40.8	ND< 1.0	28.1
Potassium	5000	ug/L	J 3700	ND< 540	NA	14100	J 1100	ND< 540
Selenium	5	ug/L	13.8	5	NA	12.1	ND< 3.0	9.5
Silver	10	ug/L	J 3.8	ND< 3.0	NA	ND< 3.2	J 5.5	ND< 3.0
Sodium	5000	ug/L	35400	38300	NA	35800	J 77.6	38500
Vanadium	50	ug/L	J 13.0	ND< 4.0	NA	J 43.2	J 6.7	ND< 4.0
Zinc	20	ug/L	J 5.8	J 3.7	NA	ND< 3.0	ND< 2.0	ND< 2.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number==========>			W09-13(A2)		W09-13(A2)	
Sample Number==========>			MOF-69		MOF-709	
Sample Type==========>						
Sample Date==========>			09/21/88		06/09/89	
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	J	9.6	J	33.0
Antimony	60	ug/L	J	40.6	ND<	37.0
Barium	200	ug/L	J	29.0	J	23.8
Calcium	5000	ug/L		141000		146000
Copper	25	ug/L	ND<	4.0	J	7.2
Iron	100	ug/L		145	J	87.1
Magnesium	5000	ug/L		50000		48200
Manganese	15	ug/L		71.8	J	11.5
Potassium	5000	ug/L	ND<	540	J	2280
Selenium	5	ug/L	ND<	5.0		14.1
Silver	10	ug/L	ND<	3.0	J	8.0
Sodium	5000	ug/L		42500		38300
Thallium	10	ug/L	ND<	5.0	J	3.9
Vanadium	50	ug/L	ND<	4.0	J	4.9
Zinc	20	ug/L	J	6.1	ND<	5.9

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-14(A2)	W09-14(A2)	W09-14(A2)	W09-14(A2)	W09-14(A2)	W09-14(A2)
Sample Number			MOF-894	MOF-118	MOF-119	MOF-544	MOF-545	MOF-76
Sample Type				TRIP			TRIP	
Sample Date			09/15/89	10/04/88	10/04/88	03/09/89	03/09/89	09/22/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	205	NA	ND< 5.0	ND< 13.0	NA	ND< 5.0
Antimony	60	ug/L	ND< 18.0	NA	J 52.8	ND< 25.0	NA	J 40.1
Barium	200	ug/L	J 40.0	NA	J 29.7	J 22.3	NA	J 31.9
Beryllium	5	ug/L	ND< 0.060	NA	J 1.4	ND< 0.50	NA	J 1.4
Calcium	5000	ug/L	158000	NA	155000	140000	NA	154000
Iron	100	ug/L	J 56.2	NA	ND< 6.0	J 12.3	NA	ND< 6.0
Magnesium	5000	ug/L	44200	NA	48800	40300	NA	49100
Manganese	15	ug/L	16.2	NA	20.6	ND< 1.7	NA	23.3
Potassium	5000	ug/L	6810	NA	J 1290	J 990	NA	J 866
Silver	10	ug/L	J 8.6	NA	ND< 3.0	ND< 3.2	NA	ND< 3.0
Sodium	5000	ug/L	33200	NA	36000	31300	NA	34200
Vanadium	50	ug/L	J 28.0	NA	ND< 4.0	ND< 2.9	NA	ND< 4.0
Zinc	20	ug/L	J 8.9	NA	J 2.8	ND< 3.0	NA	J 5.8

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units										
Well Number			W09-14(A2)			W09-14(A2)			W09-14(A2)			W09-14(A2)
Sample Number			MOF-290			MOF-896			MOF-895			MOF-707
Sample Type						TRIP			DUP			
Sample Date			11/10/88			09/15/89			09/15/89			06/08/89
Aluminum	200	ug/L	ND<	5.0		NA			251		J	93.7
Antimony	60	ug/L	ND<	60		NA		J	19.5		ND<	37.0
Barium	200	ug/L	J	39.5		NA		J	41.7		J	31.0
Beryllium	5	ug/L	J	0.60		NA		ND<	0.060		ND<	1.7
Calcium	5000	ug/L		153000		NA			158000			129000
Iron	100	ug/L	J	16.7		NA		J	51.5		J	33.0
Magnesium	5000	ug/L		46600		NA			44000			40200
Manganese	15	ug/L		16.2		NA			17.8		ND<	2.4
Mercury	.2	ug/L	ND<	0.2		NA		J	0.060		ND<	0.089
Potassium	5000	ug/L	ND<	540		NA			8200		J	3720
Sodium	5000	ug/L		33700		NA			32800			32000
Thallium	10	ug/L	ND<	2.0		NA		ND<	2.0		J	2.0
Vanadium	50	ug/L	ND<	4.0		NA		J	34.0		J	14.4
Zinc	20	ug/L	ND<	2.0		NA		J	7.7		J	13.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W09-15(B2) MOF-897 09/15/89	W09-15(B2) MOF-717 TRIP 06/08/89	W09-15(B2) MOF-546 03/10/89	W09-15(B2) MOF-287 11/10/88	W09-15(B2) MOF-547 TRIP 03/10/89	W09-15(B2) MOF-114 10/04/88
Aluminum	200	ug/L	321	NA	J 20.1	J 9.2	NA	ND< 5.0
Antimony	60	ug/L	ND< 18.2	NA	J 41.5	ND< 60	NA	ND< 24.0
Arsenic	10	ug/L	J 2.9	NA	ND< 7.0	J 5.8	NA	J 7.0
Barium	200	ug/L	J 146	NA	J 101	J 92.6	NA	J 97.4
Cadmium	5	ug/L	ND< 3.0	NA	ND< 5.0	J 4.3	NA	ND< 5.0
Calcium	5000	ug/L	49400	NA	45000	42100	NA	45700
Iron	100	ug/L	416	NA	222	316	NA	143
Magnesium	5000	ug/L	17300	NA	17400	15700	NA	19000
Manganese	15	ug/L	156	NA	151	142	NA	149
Potassium	5000	ug/L	10400	NA	J 741	J 2240	NA	J 1450
Silver	10	ug/L	J 4.7	NA	ND< 3.0	ND< 3.2	NA	ND< 3.0
Sodium	5000	ug/L	43600	NA	44900	41000	NA	48400
Thallium	10	ug/L	ND< 1.0	NA	ND< 2.0	J 2.7	NA	ND< 5.0
Vanadium	50	ug/L	J 42.0	NA	ND< 4.0	ND< 2.9	NA	ND< 4.0
Zinc	20	ug/L	J 7.2	NA	ND< 2.0	ND< 3.0	NA	ND< 2.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units										
Well Number=====>			W09-15(B2)			W09-15(B2)			W09-15(B2)			W09-15(B2)	
Sample Number=====>			MOF-117			MOF-80			MOF-716			MOF-79	
Sample Type=====>			DUP			DUP							
Sample Date=====>			10/04/88			09/22/88			06/08/89			09/22/88	
Aluminum	200	ug/L	J	23.6		ND<	5.0		J	107		ND<	5.0
Antimony	60	ug/L	J	26.1		J	30.7		ND<	37.4		J	46.0
Arsenic	10	ug/L	J	8.0		J	6.0		J	5.0		J	6.0
Barium	200	ug/L	J	97.0		J	91.3		J	113		J	94.1
Beryllium	5	ug/L	ND<	0.60		J	0.80		ND<	1.7		J	0.79
Calcium	5000	ug/L		45000			44200			40800			44200
Iron	100	ug/L		134		J	69.6			358			100
Magnesium	5000	ug/L		18800			18500			16200			18500
Manganese	15	ug/L		147			144			124			143
Mercury	.2	ug/L	ND<	0.2		ND<	0.2		J	0.091		ND<	0.2
Potassium	5000	ug/L	J	2810		J	1460		J	4330		J	1750
Silver	10	ug/L	J	3.1		ND<	3.0		J	9.4		ND<	3.0
Sodium	5000	ug/L		47400			48600			44300			48300
Thallium	10	ug/L	ND<	5.0		ND<	5.0		J	2.8		ND<	5.0
Vanadium	50	ug/L	ND<	4.0		ND<	4.0		J	14.2		ND<	4,0
Zinc	20	ug/L	J	2.8		J	5.4		J	8.0		J	5.6

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W09-27(A2) MOF-893 09/14/89	W09-27(A2) MOF-553 03/15/89	W09-27(A2) MOF-554 TRIP 03/15/89	W09-27(A2) MOF-276 TRIP 11/14/88	W09-27(A2) MOF-270 SPLIT 11/14/88	W09-27(A2) MOF-113 10/03/88
Aluminum	200	ug/L	J 142	J 34.3	NA	NA	J 31.6	ND< 5.0
Antimony	60	ug/L	J 18.7	ND< 25.0	NA	NA	J 22	J 36.0
Barium	200	ug/L	J 153	J 144	NA	NA	J 111	J 59.7
Beryllium	5	ug/L	ND< 0.060	ND< 0.50	NA	NA	J 1.6	J 0.69
Calcium	5000	ug/L	90700	90900	NA	NA	99300	76300
Cobalt	50	ug/L	ND< 2.7	ND< 6.5	NA	NA	ND< 5.0	J 6.5
Iron	100	ug/L	117	106	NA	NA	818	692
Magnesium	5000	ug/L	31800	33000	NA	NA	36700	37100
Manganese	15	ug/L	356	352	NA	NA	430	366
Potassium	5000	ug/L	5110	J 2460	NA	NA	J 2410	6690
Silver	10	ug/L	ND< 3.1	ND< 3.2	NA	NA	J 3.7	ND< 3.0
Sodium	5000	ug/L	35900	36100	NA	NA	38600	61200
Thallium	10	ug/L	ND< 2.0	J 1.5	NA	NA	ND< 5.0	ND< 5.0
Vanadium	50	ug/L	J 18.4	ND< 2.9	NA	NA	J 5.3	ND< 4.0
Zinc	20	ug/L	J 9.7	J 4.0	NA	NA	J 2.0	ND< 2.0

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number			W09-27(A2)	W09-27(A2)	W09-27(A2)	W09-27(A2)	W09-27(A2)
Sample Number			MOF-718	MOF-719	MOF-81	MOF-81MSD	MOF-81MS
Sample Type				DUP		MSD	MS
Sample Date			06/09/89	06/09/89	09/22/88	09/22/88	09/22/88
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	J 39.4	J 44.6	ND< 5.0	NA	NA
Antimony	60	ug/L	ND< 37.0	ND< 37.0	J 50.8	NA	NA
Barium	200	ug/L	J 178	J 161	J 85.5	NA	NA
Beryllium	5	ug/L	ND< 1.7	ND< 1.7	J 1.1	NA	NA
Calcium	5000	ug/L	104000	97300	85100	NA	NA
Iron	100	ug/L	147	129	920	NA	NA
Magnesium	5000	ug/L	35000	34600	39200	NA	NA
Manganese	15	ug/L	411	376	432	NA	NA
Potassium	5000	ug/L	J 2650	J 2440	5790	NA	NA
Silver	10	ug/L	J 7.7	J 8.0	ND< 3.0	NA	NA
Sodium	5000	ug/L	37100	37600	72100	NA	NA
Thallium	10	ug/L	J 4.1	J 3.8	ND< 5.0	NA	NA
Vanadium	50	ug/L	J 6.0	J 3.5	ND< 4.0	NA	NA
Zinc	20	ug/L	ND< 5.9	ND< 5.9	J 4.6	NA	NA

Summary of Detected Chemicals
Site 9 Water Samples by Well (Inorganics)

Well Number==========> W09-FB
Sample Number==========> MOF-110
Sample Type==========> FIELD
Sample Date==========> 10/03/88

Compounds	Quantitation limits	units		
Potassium	5000	ug/L	J	546
Zinc	20	ug/L	J	2.5

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 10

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number==========>			W10-02(A1)	W10-02(A1)	W10-02(A1)	W10-02(A1)	W10-02(A1)	W10-02(A1)
Sample Number==========>			MOF-797	MOF-635	MOF-450	MOF-448	MOF-107	MOF-106
Sample Type==========>					TRIP		TRIP	TRIP
Sample Date==========>			07/25/89	04/26/89	01/18/89	01/18/89	09/29/88	09/29/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	J 4	ND< 5	J 1	ND< 5	NA	ND< 5
Acetone	10	ug/L	ND< 10	11	BJ 6	BJ 8	NA	ND< 10
Methylene chloride	5	ug/L	BJ 2	B 10	B 7	B 10	NA	B 14
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	NA	J 3
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	NA	J 1
Bicarbonate	1	mg/L	NA	NA	NA	380	NA	NA
Chloride	.1	mg/L	NA	NA	NA	68	NA	NA
Nitrate	.1	mg/L	NA	NA	NA	1.7	NA	NA
Sulfate	.2	mg/L	NA	NA	NA	520	NA	NA
TDS	10	mg/L	NA	NA	NA	1260	NA	NA

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number==========>			W10-02(A1)			W10-02(A1)
Sample Number==========>			MOF-105			MOF-633
Sample Type==========>			SPLIT			TRIP
Sample Date==========>			09/29/88			04/26/89
Compounds	Quantitation limits	units				
Chloroform	5	ug/L	J	2	ND<	5
Methylene chloride	5	ug/L	B	6	B	12
Bicarbonate	1	mg/L		370	NA	
Chloride	.1	mg/L		53	NA	
Nitrate	.1	mg/L		2.1	NA	
Sulfate	.2	mg/L		530	NA	
TDS	10	mg/L		1320	NA	

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W10-03(B2)	W10-03(B2)	W10-03(B2)	W10-03(B2)	W10-03(B2)	W10-03(B2)
Sample Number=====>			MOF-96	MOF-96MSD	MOF-96MS	MOF-799	MOF-798	MOF-449
Sample Type=====>				MSD	MS	TRIP		
Sample Date=====>			09/30/88	09/30/88	09/30/88	07/26/89	07/26/89	01/18/89
Acetone	10	ug/L	ND< 10	NA	NA	NA	B 16	BJ 4
Methylene chloride	5	ug/L	B 20	NA	NA	NA	BJ 3	B 6
Bicarbonate	1	mg/L	190	NA	NA	NA	NA	220
Chloride	.1	mg/L	10	NA	NA	NA	NA	18
Nitrate	.1	mg/L	1.9	NA	NA	NA	NA	ND< 0.1
Sulfate	.1	mg/L	16	NA	NA	NA	NA	16
TDS	10	mg/L	310	NA	NA	NA	NA	290

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number==========> W10-03(B2)
Sample Number==========> MOF-632
Sample Type==========>
Sample Date==========> 04/26/89

Compounds	Quantitation limits	units		
Methylene chloride	5	ug/L	B	10

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number==========>			W10-04(A2)	W10-04(A2)
Sample Number==========>			MOF-801	MOF-636
Sample Type==========>				
Sample Date==========>			07/26/89	04/27/89
Compounds	Quantitation limits	units		
Acetone	10	ug/L	B 11	ND< 10
Methylene chloride	5	ug/L	BJ 3	B 14
Bicarbonate	1	mg/L	250	320
Chloride	.1	mg/L	17	18
Sulfate	.2	mg/L	48	21
TDS	10	mg/L	350	340

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W10-05(A1) MOF-800 07/26/89	W10-05(A1) MOF-634 04/26/89	W10-05(A1) MOF-109 DUP 09/29/88	W10-05(A1) MOF-108 09/29/88	W10-05(A1) MOF-132 10/06/88	W10-05(A1) MOF-133 TRIP 10/06/88
Acetone	10	ug/L	BJ 7	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10
Methylene chloride	5	ug/L	BJ 3	B 9	B 12	B 6	BJ 4	B 8
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	BJ 1
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	ND< 10	ND< 10	ND< 10	11	NA
Bicarbonate	1	mg/L	NA	NA	410	410	400	NA
Chloride	.1	mg/L	NA	NA	55	51	80	NA
Nitrate	.1	mg/L	NA	NA	0.16	0.16	0.19	NA
Sulfate	.2	mg/L	NA	NA	820	940	800	NA
TDS	10	mg/L	NA	NA	1670	1680	1600	NA

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number=====>			W10-05(A1)	W10-05(A1)	W10-05(A1)	W10-05(A1)	W10-05(A1)
Sample Number=====>			MOF-446	MOF-309	MOF-308	MOF-447	MOF-441
Sample Type=====>			SPLIT	TRIP		TRIP	TRIP
Sample Date=====>			01/17/89	11/16/88	11/16/88	01/17/89	01/17/89
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	J 2	NA
2-Butanone	10	ug/L	ND< 10	BJ 3	ND< 10	ND< 10	NA
Acetone	10	ug/L	ND< 10	B 12	BJ 4	B 11	NA
Methylene chloride	5	ug/L	BJ 2	B 22	BJ 3	B 14	NA
Toluene	5	ug/L	ND< 5	J 2	ND< 5	ND< 5	NA
Bicarbonate	1	mg/L	430	NA	420	NA	NA
Chloride	.1	mg/L	46	NA	47	NA	NA
Nitrate	.1	mg/L	0.2	NA	ND< 0.2	NA	NA
Sulfate	.2	mg/L	800	NA	870	NA	NA
TDS	10	mg/L	1720	NA	1800	NA	NA

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number==========>			W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)
Sample Number==========>			MOF-803	MOF-295	MOF-296	MOF-234	MOF-387	MOF-637
Sample Type==========>					DUP			
Sample Date==========>			07/27/89	11/16/88	11/16/88	10/28/88	12/16/88	04/27/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 9	B 10	BJ 4	ND< 10	ND< 10	ND< 10
Methylene chloride	5	ug/L	BJ 1	BJ 4	BJ 4	ND< 5	ND< 5	B 9
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	J 3	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	200	190	200	190	NA
Chloride	.1	mg/L	NA	18	18	20	14	NA
Sulfate	.2	mg/L	NA	20	21	22	20	NA
TDS	10	mg/L	NA	290	270	150	260	NA
TPHC	.25	mg/L	ND< 0.25	ND< 0.25	ND< 0.25	372	ND< 0.25	ND< 0.25

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number			W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)
Sample Number			MOF-399	MOF-392	MOF-451	MOF-638
Sample Type			TRIP	TRIP		TRIP
Sample Date			01/19/89	12/16/88	01/19/89	04/27/89
Compounds	Quantitation limits	units				
Acetone	10	ug/L	BJ 8	J 8	B 10	12
Methylene chloride	5	ug/L	B 7	BJ 2	B 8	B 8
Bicarbonate	1	mg/L	NA	NA	250	NA
Chloride	.1	mg/L	NA	NA	15	NA
Sulfate	.2	mg/L	NA	NA	18	NA
TDS	10	mg/L	NA	NA	280	NA

Summary of Detected Chemicals
Site 10 Water Samples by Well (Organics)

Well Number==========> W10-TB
Sample Number==========> MOF-97
Sample Type==========> TRIP
Sample Date==========> 09/30/88

Compounds	Quantitation limits	units		
Methylene chloride	5	ug/L	B	26
Toluene	5	ug/L	J	3

Inorganic Data

Summary of Detected Chemicals
Site 10 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W10-05(A1) MOF-800 07/26/89	W10-05(A1) MOF-634 04/26/89	W10-05(A1) MOF-109 DUP 09/29/88	W10-05(A1) MOF-108 09/29/88	W10-05(A1) MOF-132 10/06/88	W10-05(A1) MOF-133 TRIP 10/06/88
Aluminum	200	ug/L	ND< 13.4	ND< 13.0	ND< 5.0	J 13.1	J 6.6	NA
Antimony	60	ug/L	ND< 37.0	ND< 25.0	174	183	197	NA
Barium	200	ug/L	J 38.6	J 55.9	J 47.7	J 51.7	J 54.5	NA
Beryllium	5	ug/L	ND< 1.7	ND< 0.50	ND< 0.60	ND< 0.60	J 1.2	NA
Calcium	5000	ug/L	191000	170000	218000	220000	216000	NA
Iron	100	ug/L	463	720	268	246	407	NA
Magnesium	5000	ug/L	139000	124000	140000	144000	142000	NA
Manganese	15	ug/L	143	131	189	182	175	NA
Nickel	40	ug/L	ND< 13.2	ND< 8.6	J 8.8	ND< 8.0	ND< 8.0	NA
Silver	10	ug/L	ND< 3.0	ND< 3.2	ND< 3.0	33.1	J 4.7	NA
Sodium	5000	ug/L	61300	63600	67400	66400	65500	NA
Thallium	10	ug/L	J 1.2	ND< 1.0	ND< 2.0	ND< 2.0	ND< 2.0	NA
Vanadium	50	ug/L	J 6.4	ND< 2.9	ND< 4.0	ND< 4.0	ND< 4.0	NA
Zinc	20	ug/L	ND< 5.9	ND< 3.0	J 5.2	J 4.5	J 5.8	NA

Summary of Detected Chemicals
Site 10 Water Samples by Well (Inorganics)

Well Number			W10-05(A1)	W10-05(A1)	W10-05(A1)	W10-05(A1)	W10-05(A1)
Sample Number			MOF-446	MOF-309	MOF-308	MOF-447	MOF-441
Sample Type			SPLIT	TRIP		TRIP	TRIP
Sample Date			01/17/89	11/16/88	11/16/88	01/17/89	01/17/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	J 79.8	NA	J 69.2	NA	NA
Antimony	60	ug/L	J 37.4	NA	211	NA	NA
Barium	200	ug/L	ND< 4.9	NA	J 56.3	NA	NA
Beryllium	5	ug/L	J 0.57	NA	ND< 0.60	NA	NA
Cadmium	5	ug/L	J 3.9	NA	ND< 5.0	NA	NA
Calcium	5000	ug/L	234000	NA	226000	NA	NA
Iron	100	ug/L	2190	NA	E 525	NA	NA
Magnesium	5000	ug/L	161000	NA	165000	NA	NA
Manganese	15	ug/L	245	NA	170	NA	NA
Mercury	.2	ug/L	J 0.2	NA	ND< 0.2	NA	NA
Potassium	5000	ug/L	J 714	NA	J 1210	NA	NA
Silver	10	ug/L	J 8.1	NA	J 6.9	NA	NA
Sodium	5000	ug/L	68500	NA	65800	NA	NA
Vanadium	50	ug/L	ND< 2.9	NA	J 8.1	NA	NA
Zinc	20	ug/L	J 4.2	NA	J 3.3	NA	NA

Summary of Detected Chemicals
Site 10 Water Samples by Well (Inorganics)

Well Number			W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)
Sample Number			MOF-803	MOF-295	MOF-296	MOF-234	MOF-387	MOF-637
Sample Type					DUP			
Sample Date			07/27/89	11/16/88	11/16/88	10/28/88	12/16/88	04/27/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 29.3	J 68.5	J 73.2	J 11.1	J 6.8	J 33.6
Antimony	60	ug/L	ND< 37.0	J 47.2	J 40.8	ND< 24.0	ND< 24.0	ND< 37.0
Arsenic	10	ug/L	J 8.3	J 6.0	J 7.0	J 7.0	J 7.4	J 7.8
Barium	200	ug/L	J 97.5	J 55.1	J 56.7	J 64.7	J 75.1	J 80.5
Beryllium	5	ug/L	ND< 1.7	J 1.5	J 0.93	ND< 0.60	ND< 0.60	ND< 1.7
Calcium	5000	ug/L	27400	28500	28400	27800	27200	26500
Iron	100	ug/L	J 78.3	J 33.9	J 29.2	J 49.9	J 32.6	ND< 7.0
Magnesium	5000	ug/L	10600	11900	11900	10700	10300	10300
Manganese	15	ug/L	66.1	53.0	52.1	55.4	56.6	60.4
Mercury	.2	ug/L	J 0.13	ND< 0.2	ND< 0.2	ND< 0.2	1.4	ND< 0.1
Nickel	40	ug/L	ND< 13.2	J 8.4	ND< 8.0	ND< 8.0	ND< 8.0	13.2
Potassium	5000	ug/L	J 2420	J 4320	J 4450	J 2360	J 2740	J 2680
Silver	10	ug/L	J 3.6	J 6.9	J 5.9	ND< 3.0	ND< 3.0	J 5.9
Sodium	5000	ug/L	57900	56400	55900	58000	57000	60400
Vanadium	50	ug/L	J 5.6	J 9.4	J 9.4	ND< 4.0	ND< 4.0	J 2.9
Zinc	20	ug/L	ND< 5.9	J 3.4	ND< 2.0	ND< 2.0	ND< 2.0	ND< 5.9

Summary of Detected Chemicals
Site 10 Water Samples by Well (Inorganics)

Well Number			W10-06(C)	W10-06(C)	W10-06(C)	W10-06(C)
Sample Number			MOF-399	MOF-392	MOF-451	MOF-638
Sample Type			TRIP	TRIP		TRIP
Sample Date			01/19/89	12/16/88	01/19/89	04/27/89
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	NA	NA	J 46.7	NA
Arsenic	10	ug/L	NA	NA	J 6.2	NA
Barium	200	ug/L	NA	NA	J 64.6	NA
Calcium	5000	ug/L	NA	NA	27700	NA
Iron	100	ug/L	NA	NA	J 37.9	NA
Lead	5	ug/L	NA	NA	J 1.7	NA
Magnesium	5000	ug/L	NA	NA	11400	NA
Manganese	15	ug/L	NA	NA	58.2	NA
Potassium	5000	ug/L	NA	NA	J 3390	NA
Silver	10	ug/L	NA	NA	J 9.6	NA
Sodium	5000	ug/L	NA	NA	56600	NA
Vanadium	50	ug/L	NA	NA	J 6.9	NA

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 11

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 11 Water Samples by Well (Organics)

Well Number=====>			W11-01(A1)	W11-01(A1)	W11-01(A1)	W11-01(A1)	W11-01(A1)	W11-01(A1)
Sample Number=====>			MOF-871	MOF-698	MOF-486	MOF-266	MOF-209	MOF-267
Sample Type=====>			DUP				SPLIT	DUP
Sample Date=====>			08/30/89	05/26/89	02/10/89	11/08/88	10/25/88	11/08/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	BJ 3	BJ 5	BJ 7	BJ 3	BJ 4
Chloroform	5	ug/L	J 4	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 14	BJ 3	B 65	B 8	BJ 2	BJ 4
Di-n-octyl phthalate	10	ug/L	ND< 10	ND< 10	ND< 10	ND< 10	BJ 3	ND< 10
Bicarbonate	1	mg/L	NA	NA	1000	1000	1000	1000
Chloride	.1	mg/L	NA	NA	31900	89000	29000	26000
Sulfate	.2	mg/L	NA	NA	2140	2500	2300	2600
TDS	10	mg/L	NA	NA	> 20000	> 20000	> 20000	> 20000

Summary of Detected Chemicals
Site 11 Water Samples by Well (Organics)

Well Number==========>			W11-01(A1)	W11-01(A1)	W11-01(A1)
Sample Number==========>			MOF-373	MOF-487	MOF-870
Sample Type==========>				TRIP	
Sample Date==========>			12/14/88	02/10/89	08/30/89
Compounds	Quantitation limits	units			
1,1,1-Trichloroethane	5	ug/L	ND< 5	J 1	ND< 5
Acetone	10	ug/L	ND< 10	BJ 4	ND< 10
Methylene chloride	5	ug/L	ND< 5	B 15	B 12
Bicarbonate	1	mg/L	1000	NA	NA
Chloride	.1	mg/L	9800	NA	NA
Nitrate	.1	mg/L	15	NA	NA
Sulfate	.2	mg/L	2500	NA	NA
TDS	10	mg/L	> 20000	NA	NA

Summary of Detected Chemicals
Site 11 Water Samples by Well (Organics)

Well Number			W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)
Sample Number			MOF-872	MOF-205	MOF-265	MOF-383	MOF-491	MOF-215
Sample Type								TRIP
Sample Date			08/30/89	10/26/88	11/08/88	12/15/88	02/13/89	10/26/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	BJ 6	BJ 5	BJ 5	BJ 4	BJ 5
Methylene chloride	5	ug/L	B 6	BJ 5	B 7	BJ 3	B 19	B 6
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 2	ND< 10	ND< 10	ND< 10	ND< 10	NA
Bicarbonate	1	mg/L	NA	780	770	780	760	NA
Chloride	.1	mg/L	NA	26000	25000	23000	26000	NA
Sulfate	.2	mg/L	NA	2700	2700	2500	2530	NA
TDS	10	mg/L	NA	> 20000	> 20000	> 20000	> 20000	NA

Summary of Detected Chemicals
Site 11 Water Samples by Well (Organics)

Well Number==========>			W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)
Sample Number==========>			MOF-210	MOF-699	MOF-701	MOF-700	MOF-873
Sample Type==========>			FIELD		TRIP	DUP	TRIP
Sample Date==========>			10/26/88	05/26/89	05/26/89	05/26/89	08/30/89
Compounds	Quantitation limits	units					
Acetone	10	ug/L	BJ 7	BJ 3	BJ 5	BJ 5	B 11
Carbon disulfide	5	ug/L	B 70	ND< 5	ND< 5	ND< 5	ND< 5
Chloroform	5	ug/L	8	ND< 5	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	BJ 3	BJ 2	B 7	BJ 2	B 11
Chloride	.1	mg/L	0.2	NA	NA	NA	NA
TDS	10	mg/L	20	NA	NA	NA	NA

Inorganic Data

Summary of Detected Chemicals
Site 11 Water Samples by Well (Inorganics)

Well Number==========>			W11-01(A1)	W11-01(A1)	W11-01(A1)	W11-01(A1)	W11-01(A1)	W11-01(A1)
Sample Number==========>			MOF-871	MOF-698	MOF-486	MOF-266	MOF-209	MOF-267
Sample Type==========>			DUP				SPLIT	DUP
Sample Date==========>			08/30/89	05/26/89	02/10/89	11/08/88	10/25/88	11/08/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 3050	J 555	J 5330	317	610	508
Arsenic	10	ug/L	ND< 1.9	J 3.0	ND< 1.4	ND< 5.0	ND< 5.0	ND< 5.0
Barium	200	ug/L	J 213	J 308	J 1170	330	345	343
Cadmium	5	ug/L	213	ND< 39.6	ND< 370	30.9	ND< 5.0	23.2
Calcium	5000	ug/L	587000	614000	679000	600000	623000	592000
Chromium	10	ug/L	ND< 82.0	ND< 37.0	ND< 310	17.1	ND< 5.0	ND< 5.0
Cobalt	50	ug/L	ND< 54.0	ND< 68.0	ND< 650	J 18.2	ND< 5.0	J 18.2
Copper	25	ug/L	ND< 54.0	ND< 38.0	ND< 310	40.1	J 13.7	55.1
Iron	100	ug/L	11800	3280	J 8110	1930	1770	1940
Lead	5	ug/L	J 15.0	ND< 19.0	ND< 14.0	ND< 50.0	26.0	ND< 50.0
Magnesium	5000	ug/L	1550000	1660000	1890000	1750000	1710000	1730000
Manganese	15	ug/L	8520	8670	10100	8230	8570	8120
Nickel	40	ug/L	ND< 136	ND< 132	J 1730	ND< 8.0	ND< 8.0	ND< 8.0
Potassium	5000	ug/L	368000	293000	479000	290000	283000	286000
Silver	10	ug/L	J 162	ND< 30.0	J 744	28.4	88.3	66.4
Sodium	5000	ug/L	12600000	12400000	12900000	12900000	12800000	12700000
Thallium	10	ug/L	ND< 7.0	ND< 15.0	J 13.0	ND< 50.0	60.0	ND< 50.0
Vanadium	50	ug/L	J 489	J 115	J 1200	ND< 4.0	ND< 4.0	ND< 4.0
Zinc	20	ug/L	J 66.0	345	ND< 300	J 17.9	J 14.3	24.0

Summary of Detected Chemicals
Site 11 Water Samples by Well (Inorganics)

Well Number			W11-01(A1)	W11-01(A1)	W11-01(A1)
Sample Number			MOF-373	MOF-487	MOF-870
Sample Type				TRIP	
Sample Date			12/14/88	02/10/89	08/30/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	ND< 500	NA	J 1820
Barium	200	ug/L	ND< 700	NA	J 249
Cadmium	5	ug/L	ND< 500.0	NA	108
Calcium	5000	ug/L	J 654000	NA	606000
Iron	100	ug/L	J 2370	NA	14800
Lead	5	ug/L	ND< 15.0	NA	J 16.0
Magnesium	5000	ug/L	1750000	NA	1610000
Manganese	15	ug/L	8870	NA	8810
Mercury	.2	ug/L	0.6	NA	ND< 0.050
Potassium	5000	ug/L	J 400000	NA	335000
Selenium	5	ug/L	ND< 30.0	NA	J 2.2
Silver	10	ug/L	J 606	NA	ND< 62.0
Sodium	5000	ug/L	12500000	NA	13000000
Vanadium	50	ug/L	ND< 400	NA	J 320
Zinc	20	ug/L	J 548	NA	J 59.0

Summary of Detected Chemicals
Site 11 Water Samples by Well (Inorganics)

Well Number			W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)
Sample Number			MOF-872	MOF-205	MOF-265	MOF-383	MOF-491	MOF-215
Sample Type								TRIP
Sample Date			08/30/89	10/26/88	11/08/88	12/15/88	02/13/89	10/26/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 2170	J 147	205	1730	J 850	NA
Antimony	60	ug/L	ND< 360	ND< 6000	ND< 1000	ND< 6000	1340	NA
Barium	200	ug/L	J 233	J 148	335	397	J 85.3	NA
Cadmium	5	ug/L	232	ND< 5.0	23.2	288	ND< 37.0	NA
Calcium	5000	ug/L	690000	669000	703000	742000	703000	NA
Chromium	10	ug/L	ND< 82.0	ND< 5.0	18.9	ND< 5.0	ND< 31.0	NA
Cobalt	50	ug/L	ND< 54.0	J 17.2	J 36.0	ND< 5.0	ND< 65.0	NA
Copper	25	ug/L	J 97.4	ND< 4.0	30.1	210	ND< 31.0	NA
Iron	100	ug/L	24700	6460	12000	7980	12300	NA
Lead	5	ug/L	J 18.0	ND< 3.0	ND< 50.0	ND< 15.0	ND< 14.0	NA
Magnesium	5000	ug/L	1610000	1420000	1750000	1680000	1650000	NA
Manganese	15	ug/L	7360	6720	7060	7440	6990	NA
Mercury	.2	ug/L	ND< 0.051	ND< 0.2	ND< 0.2	0.2	0.3	NA
Nickel	40	ug/L	ND< 136	ND< 8.0	ND< 8.0	454	ND< 86.0	NA
Potassium	5000	ug/L	256000	253000	199000	341000	219000	NA
Silver	10	ug/L	ND< 62.0	J 5.6	28.1	714	J 60.9	NA
Sodium	5000	ug/L	12100000	12200000	11900000	13500000	10700000	NA
Vanadium	50	ug/L	J 373	ND< 4.0	ND< 4.0	390	J 50.3	NA
Zinc	20	ug/L	J 105	ND< 2.0	40.8	469	ND< 30.0	NA

Summary of Detected Chemicals
Site 11 Water Samples by Well (Inorganics)

Well Number==========>			W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)	W11-02(A1)
Sample Number==========>			MOF-210	MOF-699	MOF-701	MOF-700	MOF-873
Sample Type==========>			FIELD		TRIP	DUP	TRIP
Sample Date==========>			10/26/88	05/26/89	05/26/89	05/26/89	08/30/89
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	J 32.8	J 613	NA	J 723	NA
Antimony	60	ug/L	ND< 60	J 473	NA	ND< 370	NA
Arsenic	10	ug/L	ND< 7.0	J 3.5	NA	J 3.8	NA
Barium	200	ug/L	ND< 7.0	J 321	NA	J 290	NA
Calcium	5000	ug/L	J 27.2	694000	NA	689000	NA
Iron	100	ug/L	ND< 6.0	16100	NA	17100	NA
Magnesium	5000	ug/L	J 160	1660000	NA	1650000	NA
Manganese	15	ug/L	J 1.6	7080	NA	7020	NA
Nickel	40	ug/L	J 11.2	ND< 132	NA	ND< 132	NA
Potassium	5000	ug/L	J 1910	210000	NA	206000	NA
Silver	10	ug/L	J 7.6	J 54.5	NA	J 74.6	NA
Sodium	5000	ug/L	J 357	11400000	NA	11400000	NA
Thallium	10	ug/L	ND< 2.0	J 15.0	NA	J 18.0	NA
Vanadium	50	ug/L	J 6.4	J 127	NA	J 128	NA
Zinc	20	ug/L	ND< 2.0	345	NA	368	NA

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 12

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Well Number==========>			MEW-83(A2)	MEW-83(A2)	MEW-83(A2)	MEW-83(A2)	MEW-83(A2)
Sample Number==========>			MOF-914	MOF-743	MOF-584	MOF-915	MOF-272
Sample Type==========>						TRIP	
Sample Date==========>			09/25/89	06/20/89	04/11/89	09/25/89	11/04/88
Compounds	Quantitation limits	units					
Acetone	10	ug/L	B 29	BJ 3	BJ 4	B 22	B 16
Methylene chloride	5	ug/L	B 7	B 13	B 11	B 10	B 6
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	BJ 2
Bicarbonate	1	mg/L	NA	NA	230	NA	240
Chloride	.1	mg/L	NA	NA	21	NA	20
Sulfate	.2	mg/L	NA	NA	58	NA	51
TDS	10	mg/L	NA	NA	370	NA	390

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Well Number			W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)
Sample Number			MOF-907	MOF-908	MOF-756 MSD	MOF-757	MOF-401	MOF-566
Sample Type			TRIP		MSD	TRIP		DUP
Sample Date			09/20/89	09/20/89	06/21/89	06/21/89	12/19/88	03/28/89
Compounds	Quantitation limits	units						
1,2-Dichloroethane	5	ug/L	J 1	ND< 5	NA	ND< 5	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	ND< 10	NA	BJ 8	ND< 10	BJ 3
Chloroform	5	ug/L	J 2	ND< 5	NA	BJ 2	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 9	BJ 4	NA	B 23	BJ 2	B 9
Bicarbonate	1	mg/L	NA	NA	NA	NA	630	620
Chloride	.1	mg/L	NA	NA	NA	NA	28	28
Sulfate	.2	mg/L	NA	NA	NA	NA	50	42
TDS	10	mg/L	NA	NA	NA	NA	720	760

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Well Number==========>			W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)
Sample Number==========>			MOF-565	MOF-281	MOF-217MS	MOF-217	MOF-218	MOF-217MSD
Sample Type==========>					MS		TRIP	MSD
Sample Date==========>			03/28/89	11/09/88	10/31/88	10/31/88	10/31/88	10/31/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	BJ 3	ND< 10	NA	NA	NA	NA
Methylene chloride	5	ug/L	B 10	B 10	NA	NA	NA	NA
Bicarbonate	1	mg/L	620	620	NA	NA	NA	NA
Chloride	.1	mg/L	30	30	NA	NA	NA	NA
Sulfate	.2	mg/L	42	43	NA	NA	NA	NA
TDS	10	mg/L	740	730	NA	NA	NA	NA

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Well Number==========>			W12-01(A1)	W12-01(A1)
Sample Number==========>			MOF-756	MOF-756 MS
Sample Type==========>				MS
Sample Date==========>			06/21/89	06/21/89
Compounds	Quantitation limits	units		
Chloroform	5	ug/L	J 2	NA
Methylene chloride	5	ug/L	B 6	NA
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 9	NA

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Well Number=>			W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)
Sample Number=>			MOF-906	MOF-391	MOF-575	MOF-282MS	MOF-283	MOF-244
Sample Type=>					TRIP	MS	TRIP	SPLIT
Sample Date=>			09/19/89	12/16/88	03/28/89	11/09/88	11/09/88	10/31/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	J 9	BJ 3	NA	ND< 10	BJ 2
Methylene chloride	5	ug/L	B 6	J 9	B 10	NA	B 16	B 6
Bicarbonate	1	mg/L	NA	530	NA	NA	NA	520
Chloride	.1	mg/L	NA	37	NA	NA	NA	36
Nitrate	.1	mg/L	NA	0.2	NA	NA	NA	ND< 0.1
Sulfate	.2	mg/L	NA	36	NA	NA	NA	43
TDS	10	mg/L	NA	620	NA	NA	NA	610

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Compounds	Quantitation limits	units	W12-02(A1) MOF-282MSD MSD 11/09/88	W12-02(A1) MOF-235 TRIP 10/31/88	W12-02(A1) MOF-282 11/09/88	W12-02(A1) MOF-758 06/22/89	W12-02(A1) MOF-759 TRIP 06/22/89	W12-02(A1) MOF-574 03/28/89
Acetone	10	ug/L	NA	NA	ND< 10	BJ 7	BJ 8	BJ 2
Chloroform	5	ug/L	NA	NA	ND< 5	ND< 5	J 2	ND< 5
Methylene chloride	5	ug/L	NA	NA	B 11	B 11	B 22	B 7
Bicarbonate	1	mg/L	NA	NA	530	NA	NA	520
Chloride	.1	mg/L	NA	NA	31	NA	NA	30
Sulfate	.1	mg/L	NA	NA	35	NA	NA	34
TDS	10	mg/L	NA	NA	640	NA	NA	650

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Well Number			W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)
Sample Number			MOF-909	MOF-388	MOF-243	MOF-242	MOF-241	MOF-280
Sample Type					DUP	TRIP		
Sample Date			09/20/89	12/19/88	10/31/88	10/31/88	10/31/88	11/09/88
Compounds	Quantitation limits	units						
1,1-Dichloroethane	5	ug/L	J 1	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	ND< 10	BJ 3	BJ 4	ND< 10	J 7
Methylene chloride	5	ug/L	B 6	BJ 4	B 5	B 11	ND< 5	B 10
Bicarbonate	1	mg/L	NA	650	640	NA	650	640
Chloride	.1	mg/L	NA	26	33	NA	33	27
Sulfate	.2	mg/L	NA	24	32	NA	30	24
TDS	10	mg/L	NA	730	760	NA	700	730

Summary of Detected Chemicals
Site 12 Water Samples by Well (Organics)

Compounds	Quantitation limits	units						
Well Number=====>			W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)
Sample Number=====>			MOF-389	MOF-390	MOF-729	MOF-561	MOF-562	MOF-730
Sample Type=====>			DUP	TRIP			TRIP	FIELD
Sample Date=====>			12/19/88	12/19/88	06/20/89	03/21/89	03/21/89	06/20/89
1,1-Dichloroethane	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	ND< 5	ND< 5
1,2-Dichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	5
Acetone	10	ug/L	ND< 10	ND< 10	BJ 3	BJ 5	BJ 3	BJ 2
Ethyl benzene	5	ug/L	ND< 5	ND< 5	ND< 5	BJ 1	ND< 5	ND< 5
Methylene chloride	5	ug/L	ND< 5	B 6	B 13	B 14	B 22	B 14
Bicarbonate	1	mg/L	650	NA	NA	640	NA	NA
Chloride	.1	mg/L	27	NA	NA	30	NA	NA
Sulfate	.2	mg/L	24	NA	NA	24	NA	NA
TDS	10	mg/L	710	NA	NA	730	NA	NA

Inorganic Data

Summary of Detected Chemicals
Site 12 Water Samples by Well (Inorganics)

Well Number==========>			W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)
Sample Number==========>			MOF-907	MOF-908	MOF-756 MSD	MOF-757	MOF-401	MOF-566
Sample Type==========>			TRIP		MSD	TRIP		DUP
Sample Date==========>			09/20/89	09/20/89	06/21/89	06/21/89	12/19/88	03/28/89
Compounds	Quantitation limits	units						
Antimony	60	ug/L	NA	J 38.5	NA	NA	ND< 60	J 29.1
Arsenic	10	ug/L	NA	ND< 1.9	NA	NA	ND< 7.0	J 3.7
Barium	200	ug/L	NA	J 127	NA	NA	J 122	J 133
Beryllium	5	ug/L	NA	J 0.60	NA	NA	ND< 0.60	ND< 0.50
Cadmium	5	ug/L	NA	ND< 3.0	NA	NA	ND< 5.0	J 3.9
Calcium	5000	ug/L	NA	81700	NA	NA	91300	83700
Iron	100	ug/L	NA	256	NA	NA	767	429
Magnesium	5000	ug/L	NA	76000	NA	NA	77600	83000
Manganese	15	ug/L	NA	85.0	NA	NA	169	115
Sodium	5000	ug/L	NA	70000	NA	NA	83400	74900
Zinc	20	ug/L	NA	J 4.9	NA	NA	ND< 2.0	ND< 3.0

Summary of Detected Chemicals
Site 12 Water Samples by Well (Inorganics)

Well Number==========>			W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)	W12-01(A1)
Sample Number==========>			MOF-565	MOF-281	MOF-217MS	MOF-217	MOF-218	MOF-217MSD
Sample Type==========>					MS		TRIP	MSD
Sample Date==========>			03/28/89	11/09/88	10/31/88	10/31/88	10/31/88	10/31/88
Compounds	Quantitation limits	units						
Antimony	60	ug/L	J 51.0	ND< 60	NA	NA	NA	NA
Arsenic	10	ug/L	J 3.7	ND< 5.0	NA	NA	NA	NA
Barium	200	ug/L	J 133	J 96.9	NA	NA	NA	NA
Beryllium	5	ug/L	ND< 0.50	J 2.0	NA	NA	NA	NA
Calcium	5000	ug/L	84200	91000	NA	NA	NA	NA
Iron	100	ug/L	443	236	NA	NA	NA	NA
Magnesium	5000	ug/L	83000	86900	NA	NA	NA	NA
Manganese	15	ug/L	132	163	NA	NA	NA	NA
Sodium	5000	ug/L	76800	73600	NA	NA	NA	NA

Summary of Detected Chemicals
Site 12 Water Samples by Well (Inorganics)

Well Number==========>				W12-01(A1)	W12-01(A1)
Sample Number==========>				MOF-756	MOF-756 MS
Sample Type==========>					MS
Sample Date==========>				06/21/89	06/21/89
Compounds	Quantitation limits	units			
Barium	200	ug/L	J	144	NA
Calcium	5000	ug/L		78300	NA
Iron	100	ug/L		407	NA
Magnesium	5000	ug/L		84200	NA
Manganese	15	ug/L		76.9	NA
Sodium	5000	ug/L		79400	NA
Vanadium	50	ug/L	J	3.5	NA

Summary of Detected Chemicals
Site 12 Water Samples by Well (Inorganics)

Well Number==========>			W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)
Sample Number==========>			MOF-906	MOF-391	MOF-575	MOF-282MS	MOF-283	MOF-244
Sample Type==========>					TRIP	MS	TRIP	SPLIT
Sample Date==========>			09/19/89	12/16/88	03/28/89	11/09/88	11/09/88	10/31/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 18.0	ND< 5.0	NA	NA	NA	J 34.1
Antimony	60	ug/L	J 28.5	ND< 60	NA	NA	NA	J 48
Barium	200	ug/L	J 134	J 90.5	NA	NA	NA	J 76.5
Beryllium	5	ug/L	J 0.60	ND< 0.60	NA	NA	NA	ND< 0.60
Calcium	5000	ug/L	83700	82900	NA	NA	NA	88200
Iron	100	ug/L	843	906	NA	NA	NA	642
Magnesium	5000	ug/L	60100	58000	NA	NA	NA	63000
Manganese	15	ug/L	231	220	NA	NA	NA	291
Mercury	.2	ug/L	ND< 0.050	1.9	NA	NA	NA	ND< 0.2
Nickel	40	ug/L	ND< 6.8	J 8.3	NA	NA	NA	ND< 8.0
Potassium	5000	ug/L	ND< 572	J 4420	NA	NA	NA	J 2000
Sodium	5000	ug/L	59500	70300	NA	NA	NA	67800
Zinc	20	ug/L	54.9	ND< 2.0	NA	NA	NA	J 4.1

Summary of Detected Chemicals
Site 12 Water Samples by Well (Inorganics)

Well Number=>			W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)	W12-02(A1)
Sample Number=>			MOF-282MSD	MOF-235	MOF-282	MOF-758	MOF-759	MOF-574
Sample Type=>			MSD	TRIP			TRIP	
Sample Date=>			11/09/88	10/31/88	11/09/88	06/22/89	06/22/89	03/28/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	NA	ND< 5.0	J 58.0	NA	ND< 13.0
Arsenic	10	ug/L	NA	NA	ND< 5.0	ND< 3.0	NA	J 1.4
Barium	200	ug/L	NA	NA	J 70.5	J 125	NA	J 135
Beryllium	5	ug/L	NA	NA	J 1.7	ND< 1.7	NA	ND< 0.50
Cadmium	5	ug/L	NA	NA	ND< 5.0	ND< 4.0	NA	J 4.1
Calcium	5000	ug/L	NA	NA	87400	80500	NA	83600
Iron	100	ug/L	NA	NA	602	1130	NA	654
Magnesium	5000	ug/L	NA	NA	71000	61500	NA	64700
Manganese	15	ug/L	NA	NA	247	198	NA	196
Potassium	5000	ug/L	NA	NA	J 879	J 2260	NA	J 646
Silver	20		NA	NA	ND< 3.0	J 9.4	NA	ND< 3.2
Sodium	5000	ug/L	NA	NA	70200	73100	NA	65900
Vanadium	50	ug/L	NA	NA	ND< 4.0	J 8.6	NA	ND< 2.9

Summary of Detected Chemicals
Site 12 Water Samples by Well (Inorganics)

Well Number			W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)
Sample Number			MOF-909	MOF-388	MOF-243	MOF-242	MOF-241	MOF-280
Sample Type					DUP	TRIP		
Sample Date			09/20/89	12/19/88	10/31/88	10/31/88	10/31/88	11/09/88
Compounds	Quantitation limits	units						
Antimony	60	ug/L	ND< 18.0	ND< 60	J 43	NA	ND< 60	ND< 60
Barium	200	ug/L	J 148	J 130	J 111	NA	J 112	J 92.2
Beryllium	5	ug/L	J 0.60	J 1.1	ND< 0.60	NA	ND< 0.60	J 1.7
Calcium	5000	ug/L	84900	96000	92800	NA	92700	92800
Iron	100	ug/L	424	684	544	NA	551	657
Magnesium	5000	ug/L	74300	78200	79200	NA	79900	86100
Manganese	15	ug/L	57.4	130	200	NA	212	165
Sodium	5000	ug/L	70800	88300	76000	NA	76900	78800
Zinc	20	ug/L	J 4.6	J 3.8	J 3.1	NA	ND< 2.0	ND< 2.0

Summary of Detected Chemicals
Site 12 Water Samples by Well (Inorganics)

Well Number			W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)	W12-03(A1)
Sample Number			MOF-389	MOF-390	MOF-729	MOF-561	MOF-562	MOF-730
Sample Type			DUP	TRIP			TRIP	FIELD
Sample Date			12/19/88	12/19/88	06/20/89	03/21/89	03/21/89	06/20/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 5.0	NA	ND< 13.4	ND< 13.0	NA	J 86.6
Antimony	60	ug/L	ND< 60	NA	ND< 37.0	67.3	NA	ND< 37.0
Arsenic	10	ug/L	ND< 7.0	NA	ND< 3.0	J 2.8	NA	ND< 3.0
Barium	200	ug/L	J 124	NA	J 144	J 127	NA	J 4.9
Calcium	5000	ug/L	J 94000	NA	82400	84000	NA	J 64.2
Iron	100	ug/L	704	NA	1110	2890	NA	J 21.9
Magnesium	5000	ug/L	76400	NA	74000	81400	NA	J 83.8
Manganese	15	ug/L	130	NA	65.6	110	NA	ND< 2.4
Mercury	.2	ug/L	0.3	NA	ND< 0.10	ND< 0.1	NA	ND< 0.10
Potassium	5000	ug/L	ND< 540	NA	ND< 416	ND< 422	NA	J 3130
Sodium	5000	ug/L	84400	NA	80100	75300	NA	J 89.5
Vanadium	50	ug/L	ND< 4.0	NA	J 4.5	ND< 2.9	NA	J 11.0
Zinc	20	ug/L	J 3.0	NA	ND< 5.9	ND< 3.0	NA	ND< 5.9

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 13

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 13

Inorganic Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 13

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 14

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number			MEW-72(A1)	MEW-72(A1)	MEW-72(A1)	MEW-72(A1)	MEW-72(A1)
Sample Number			MOF-917	MOF-92	MOF-587	MOF-91	MOF-746
Sample Type				DUP			
Sample Date			09/25/89	09/26/88	04/12/89	09/26/88	06/20/89
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	5	5	J 4	5	J 3
1,1-Dichloroethane	5	ug/L	10	7	7	7	7
1,1-Dichloroethylene	5	ug/L	J 3	ND< 5	J 2	ND< 5	J 2
1,2-Dichloroethenes(Total)	5	ug/L	J 4	J 2	J 4	ND< 5	J 3
Acetone	10	ug/L	B 18	ND< 10	ND< 10	ND< 10	BJ 2
Methylene chloride	5	ug/L	B 7	B 13	B 5	B 6	B 9
Tetrachloroethene	5	ug/L	12	11	8	11	11
Trichloroethene	5	ug/L	32	25	140	21	19
Bicarbonate	1	mg/L	NA	380	370	380	NA
Chloride	.1	mg/L	NA	48	36	52	NA
Nitrate	.1	mg/L	NA	5.1	5.2	4.9	NA
Sulfate	.2	mg/L	NA	850	760	890	NA
TDS	10	mg/L	NA	1700	1680	1700	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			MEW-74(A1)	MEW-74(A1)	MEW-74(A1)	MEW-74(A1)
Sample Number==========>			MOF-919	MOF-747	MOF-589	MOF-93
Sample Type==========>						
Sample Date==========>			09/25/89	06/21/89	04/12/89	09/26/88
Compounds	Quantitation limits	units				
1,1,1-Trichloroethane	5	ug/L	20	22	20	13
1,1-Dichloroethane	5	ug/L	10	11	9	7
1,1-Dichloroethylene	5	ug/L	13	16	14	8
1,2-Dichloroethenes(Total)	5	ug/L	23	24	25	20
Acetone	10	ug/L	B 18	BJ 4	ND< 10	ND< 10
Chloroform	5	ug/L	ND< 5	J 1	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 8	B 10	B 5	B 10
Tetrachloroethene	5	ug/L	J 1	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	57	54	100	96
Bicarbonate	1	mg/L	NA	NA	360	350
Chloride	.1	mg/L	NA	NA	38	47
Nitrate	.1	mg/L	NA	NA	3.4	2.8
Sulfate	.2	mg/L	NA	NA	560	560
TDS	10	mg/L	NA	NA	1260	1300

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)
Sample Number==========>			MOF-901	MOF-715	MOF-534	MOF-533	MOF-303	MOF-705
Sample Type==========>					TRIP			TRIP
Sample Date==========>			09/18/89	06/07/89	03/07/89	03/07/89	11/15/88	06/07/89
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	J 3	J 3	ND< 5	J 3	J 3	ND< 5
1,1-Dichloroethane	5	ug/L	J 2	J 3	ND< 5	J 3	J 2	ND< 5
1,1-Dichloroethylene	5	ug/L	J 2	J 2	ND< 5	J 2	ND< 5	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	J 2	J 1	ND< 5	J 1	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	ND< 10	B 11	BJ 7	BJ 8	BJ 7
Chloroform	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5	BJ 4
Methylene chloride	5	ug/L	BJ 2	B 5	B 10	B 9	BJ 3	B 10
Trichloroethene	5	ug/L	J 4	J 3	ND< 5	J 2	J 2	ND< 5
Bicarbonate	1	mg/L	NA	NA	NA	270	280	NA
Chloride	.1	mg/L	NA	NA	NA	34	40	NA
Nitrate	.1	mg/L	NA	NA	NA	0.8	0.82	NA
Sulfate	.2	mg/L	NA	NA	NA	400	410	NA
TDS	10	mg/L	NA	NA	NA	990	970	NA
TPHC	.25	mg/L	3.9	ND< 0.25	NA	ND< 0.25	ND< 0.25	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>		W14-01(A2)	W14-01(A2)
Sample Number==========>		MOF-130	MOF-85
Sample Type==========>		SPLIT	SPLIT
Sample Date==========>		10/05/88	09/26/88
Compounds	Quantitation limits units		
Methylene chloride	5	BJ 2	B 12
Bicarbonate	1	280	290
Chloride	.1	44	42
Nitrate	.1	1.1	1.1
Sulfate	.2	450	390
TDS	10	1010	980

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-02(A1)	W14-02(A1)	W14-02(A1)	W14-02(A1)	W14-02(A1)	W14-02(A1)
Sample Number==========>			MOF-902	MOF-710	MOF-278	MOF-541	MOF-78	MOF-116
Sample Type==========>								
Sample Date==========>			09/18/89	06/06/89	11/14/88	03/07/89	09/27/88	10/04/88
Compounds	Quantitation limits	units						
1,2-Dichloroethane	5	ug/L	160	ND< 5	ND< 125	ND< 130	J 110	ND< 130
Acetone	10	ug/L	4400	ND< 10	ND< 250	BJ 190	1700	ND< 250
Benzene	5	ug/L	2800	ND< 5	2600	2600	2800	2600
Ethyl benzene	5	ug/L	330	ND< 5	390	370	440	360
Methylene chloride	5	ug/L	BJ 110	ND< 5	B 275	B 920	B 910	410
Toluene	5	ug/L	910	ND< 5	520	B 710	830	750
Total xylenes	5	ug/L	970	ND< 5	690	410	1000	1100
2,4 Dimethylphenol	10	ug/L	J 4	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10
2-Methylnaphthalene	10	ug/L	21	25	10	J 9	14	23
4-Methylphenol	10	ug/L	ND< 10	24	J 6	20	ND< 10	ND< 10
Diethylphthalate	10	ug/L	J 2	ND< 10	ND< 10	J 3	ND< 10	ND< 10
Naphthalene	10	ug/L	80	110	43	87	41	55
Phenol	10	ug/L	ND< 10	ND< 10	J 4	ND< 10	J 7	ND< 10
Bicarbonate	1	mg/L	NA	NA	780	810	740	740
Chloride	.1	mg/L	NA	NA	17	16	20	23
Sulfate	.2	mg/L	NA	NA	960	830	1100	1000
TDS	10	mg/L	NA	NA	2100	2160	2210	2330
TPHC	.25	mg/L	ND< 0.25	3.8	14000	ND< 7.7	18000	14000

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-03(A1)	W14-03(A1)	W14-03(A1)	W14-03(A1)	W14-03(A1)	W14-03(A1)
Sample Number==========>			MOF-904	MOF-903	MOF-704	MOF-527	MOF-526	MOF-703
Sample Type==========>				TRIP	TRIP	TRIP		
Sample Date==========>			09/19/89	09/19/89	06/06/89	03/03/89	03/03/89	06/06/89
Compounds	Quantitation limits	units						
Acetone	10	ug/L	ND< 10	ND< 10	J 6	BJ 4	BJ 3	ND< 10
Methylene chloride	5	ug/L	B 6	B 8	B 13	B 6	B 7	B 7
Bicarbonate	1	mg/L	NA	NA	NA	NA	300	NA
Chloride	.1	mg/L	NA	NA	NA	NA	40	NA
Sulfate	.2	mg/L	NA	NA	NA	NA	390	NA
TDS	10	mg/L	NA	NA	NA	NA	930	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-03(A1)	W14-03(A1)	W14-03(A1)
Sample Number==========>			MOF-279	MOF-129	MOF-83
Sample Type==========>					
Sample Date==========>			11/14/88	10/05/88	09/23/88
Compounds	Quantitation limits	units			
Methylene chloride	5	ug/L	ND< 5	ND< 5	B 8
Bicarbonate	1	mg/L	300	300	310
Chloride	.1	mg/L	40	53	42
Fluoride	.1	mg/L	ND< 2	ND< 1	1.9
Sulfate	.2	mg/L	350	430	380
TDS	10	mg/L	950	1020	1000

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-04(A1)	W14-04(A1)	W14-04(A1)	W14-04(A1)	W14-04(A1)	W14-04(A1)
Sample Number==========>			MOF-898	MOF-528	MOF-711	MOF-120	MOF-712	MOF-88
Sample Type==========>							TRIP	
Sample Date==========>			09/15/89	03/03/89	06/05/89	10/04/88	06/05/89	09/27/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	J 8	BJ 4	J 8	ND< 10	J 9	ND< 10
Methylene chloride	5	ug/L	BJ 3	BJ 4	B 8	12	B 10	B 11
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	10	ND< 5	ND< 5
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	J 2	ND< 10	ND< 10	NA	ND< 10
Bicarbonate	1	mg/L	NA	420	NA	440	NA	460
Chloride	.1	mg/L	NA	24	NA	25	NA	24
Sulfate	.2	mg/L	NA	1210	NA	1200	NA	1100
TDS	10	mg/L	NA	2190	NA	2230	NA	2120

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========> W14-04(A1)
Sample Number==========> MOF-277
Sample Type==========> SPLIT
Sample Date==========> 11/14/88

Compounds	Quantitation limits	units	
Bicarbonate	1	mg/L	420
Chloride	.1	mg/L	29
Sulfate	.2	mg/L	1100
TDS	10	mg/L	2100

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-05(A2)	W14-05(A2)	W14-05(A2)	W14-05(A2)	W14-05(A2)
Sample Number==========>			MOF-905	MOF-127	MOF-305	MOF-304	MOF-530
Sample Type==========>					TRIP		TRIP
Sample Date==========>			09/19/89	10/05/88	11/15/88	11/15/88	03/06/89
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	11	B 17	ND< 5	10	ND< 5
1,1-Dichloroethane	5	ug/L	5	7	ND< 5	J 4	ND< 5
1,1-Dichloroethylene	5	ug/L	15	17	ND< 5	ND< 5	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	22	26	ND< 5	19	ND< 5
2-Butanone	10	ug/L	ND< 10	ND< 10	BJ 3	BJ 2	ND< 10
Acetone	10	ug/L	J 9	ND< 10	B 86	B 15	BJ 8
Methylene chloride	5	ug/L	B 5	BJ 2	B 28	BJ 3	B 19
Toluene	5	ug/L	ND< 5	BJ 1	J 3	ND< 5	ND< 5
Trichloroethene	5	ug/L	170	140	ND< 5	130	ND< 5
Bicarbonate	1	mg/L	NA	270	NA	280	NA
Chloride	.1	mg/L	NA	52	NA	54	NA
Nitrate	.1	mg/L	NA	4.6	NA	4.4	NA
Sulfate	.2	mg/L	NA	390	NA	360	NA
TDS	10	mg/L	NA	940	NA	920	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-05(A2)	W14-05(A2)	W14-05(A2)
Sample Number==========>			MOF-529	MOF-706	MOF-128
Sample Type==========>					TRIP
Sample Date==========>			03/06/89	06/07/89	10/05/88
Compounds	Quantitation limits	units			
1,1,1-Trichloroethane	5	ug/L	12	11	ND< 5
1,1-Dichloroethane	5	ug/L	6	6	ND< 5
1,1-Dichloroethylene	5	ug/L	18	18	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	25	25	ND< 5
Acetone	10	ug/L	B 15	BJ 6	ND< 10
Chloroform	5	ug/L	ND< 5	BJ 1	ND< 5
Methylene chloride	5	ug/L	B 15	B 7	B 9
Toluene	5	ug/L	ND< 5	ND< 5	BJ 1
Trichloroethene	5	ug/L	170	170	ND< 5
Bicarbonate	1	mg/L	280	NA	NA
Chloride	.1	mg/L	43	NA	NA
Nitrate	.1	mg/L	4.4	NA	NA
Sulfate	.2	mg/L	310	NA	NA
TDS	10	mg/L	920	NA	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-06(A2)		W14-06(A2)		W14-06(A2)		W14-06(A2)	
Sample Number==========>			MOF-899		MOF-532		MOF-713		MOF-714	
Sample Type==========>					DUP				DUP	
Sample Date==========>			09/18/89		03/06/89		06/06/89		06/06/89	
Compounds	Quantitation limits	units								
1,1,1-Trichloroethane	5	ug/L		7		6		7		7
1,1-Dichloroethane	5	ug/L	J	3	J	2	J	3	J	3
1,1-Dichloroethylene	5	ug/L	J	3	J	3	J	3	J	3
1,2-Dichloroethenes(Total)	5	ug/L	J	2	J	2	J	2	J	2
Acetone	10	ug/L		39	BJ	9	J	6	J	4
Methylene chloride	5	ug/L	BJ	2	B	13	B	7	B	7
Bicarbonate	1	mg/L	NA			270	NA		NA	
Chloride	.1	mg/L	NA			41	NA		NA	
Nitrate	.1	mg/L	NA			1.8	NA		NA	
Sulfate	.2	mg/L	NA			330	NA		NA	
TDS	10	mg/L	NA			900	NA		NA	

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)
Sample Number==========>			MOF-531	MOF-125	MOF-126	MOF-301	MOF-302	MOF-82
Sample Type==========>					DUP		DUP	
Sample Date==========>			03/06/89	10/05/88	10/05/88	11/15/88	11/15/88	09/26/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	6	BJ 4	BJ 3	J 4	5	5
1,1-Dichloroethane	5	ug/L	J 2	2	ND< 5	J 2	J 2	ND< 5
1,1-Dichloroethylene	5	ug/L	J 3	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	J 2	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
2-Butanone	10	ug/L	ND< 10	ND< 10	ND< 10	BJ 2	BJ 2	ND< 10
Acetone	10	ug/L	B 14	ND< 10	ND< 10	BJ 5	BJ 7	ND< 10
Methylene chloride	5	ug/L	B 16	ND< 5	ND< 5	B 7	BJ 4	B 11
Bis(2-Ethylhexyl)phthalate	10	ug/L	ND< 10	J 4	ND< 10	ND< 10	ND< 10	ND< 10
Bicarbonate	1	mg/L	270	240	320	260	260	260
Chloride	.1	mg/L	34	31	31	43	34	43
Nitrate	.1	mg/L	1.7	0.96	0.87	1.2	1.4	1.5
Sulfate	.2	mg/L	310	250	230	290	310	300
TDS	10	mg/L	870	640	630	760	790	740

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========> W14-06(A2)
Sample Number==========> MOF-900
Sample Type==========> TRIP
Sample Date==========> 09/18/89

Compounds	Quantitation limits	units		
Acetone	10	ug/L		34
Methylene chloride	5	ug/L	BJ	4

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========> W14-FB
Sample Number==========> MOF-84
Sample Type==========> FIELD
Sample Date==========> 09/23/88

Compounds	Quantitation limits	units		
Methylene chloride	5	ug/L	B	24
Carbonate	1	mg/L		1.0
Chloride	.1	mg/L		0.79

Summary of Detected Chemicals
Site 14 Water Samples by Well (Organics)

Well Number==========>			W14-TB	W14-TB
Sample Number==========>			MOF-89	MOF-87
Sample Type==========>			TRIP	TRIP
Sample Date==========>			09/27/88	09/26/88
Compounds	Quantitation limits	units		
Chloroform	5	ug/L	BJ 2	ND< 5
Methylene chloride	5	ug/L	B 17	B 27
Toluene	5	ug/L	J 3	J 3

Inorganic Data

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number			W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)
Sample Number			MOF-901	MOF-715	MOF-534	MOF-533	MOF-303	MOF-705
Sample Type					TRIP			TRIP
Sample Date			09/18/89	06/07/89	03/07/89	03/07/89	11/15/88	06/07/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 77.6	J 112	NA	J 164	J 34.6	NA
Antimony	60	ug/L	J 18.9	ND< 37.0	NA	J 48.5	80.4	NA
Arsenic	10	ug/L	J 4.7	J 3.6	NA	J 3.9	ND< 5.0	NA
Barium	200	ug/L	J 22.5	J 37.5	NA	J 16.6	J 25.4	NA
Beryllium	5	ug/L	ND< 0.60	ND< 1.7	NA	ND< 0.50	J 1.2	NA
Calcium	5000	ug/L	172000	167000	NA	181000	181000	NA
Iron	100	ug/L	490	530	NA	537	J 58.9	NA
Magnesium	5000	ug/L	49800	49900	NA	51500	56700	NA
Manganese	15	ug/L	493	478	NA	494	23.7	NA
Mercury	.2	ug/L	ND< 0.050	ND< 0.10	NA	0.2	ND< 0.2	NA
Potassium	5000	ug/L	J 1990	J 4360	NA	5830	J 1990	NA
Selenium	5	ug/L	6.1	6.4	NA	J 4.3	ND< 5.0	NA
Silver	10	ug/L	J 8.1	ND< 3.0	NA	ND< 3.2	J 4.0	NA
Sodium	5000	ug/L	38900	39100	NA	40200	31300	NA
Vanadium	50	ug/L	J 4.0	J 13.6	NA	ND< 2.9	J 7.5	NA
Zinc	20	ug/L	J 18.6	J 11.8	NA	ND< 3.0	J 3.4	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number=>			W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)	W14-01(A2)
Sample Number=>			MOF-77	MOF-131	MOF-130	MOF-85	MOF-715 MSD	MOF-715 MS
Sample Type=>			TRIP	TRIP	SPLIT	SPLIT	MSD	MS
Sample Date=>			09/26/88	10/05/88	10/05/88	09/26/88	06/07/89	06/07/89
Compounds	Quantitation limits	units						
Antimony	60	ug/L	NA	NA	70.2	J 50.2	NA	NA
Barium	200	ug/L	NA	NA	J 21.1	J 19.1	NA	NA
Calcium	5000	ug/L	NA	NA	192000	193000	NA	NA
Iron	100	ug/L	NA	NA	565	564	NA	NA
Magnesium	5000	ug/L	NA	NA	56100	57300	NA	NA
Manganese	15	ug/L	NA	NA	513	526	NA	NA
Selenium	5	ug/L	NA	NA	ND< 5.0	5.2	NA	NA
Sodium	5000	ug/L	NA	NA	37500	42000	NA	NA
Zinc	20	ug/L	NA	NA	ND< 2.0	J 2.1	NA	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number			W14-02(A1)	W14-02(A1)	W14-02(A1)	W14-02(A1)	W14-02(A1)	W14-02(A1)
Sample Number			MOF-902	MOF-710	MOF-278	MOF-541	MOF-78	MOF-116
Sample Type								
Sample Date			09/18/89	06/06/89	11/14/88	03/07/89	09/27/88	10/04/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 183	J 112	J 74.9	291	ND< 5.0	J 23.7
Antimony	60	ug/L	J 20.4	ND< 37.0	256	ND< 25.0	152	195
Arsenic	10	ug/L	28.3	28.9	25.0	33.6	43.0	23.0
Barium	200	ug/L	587	J 37.4	235	288	J 126	J 116
Beryllium	5	ug/L	ND< 0.60	ND< 1.7	J 1.1	ND< 0.50	J 1.3	ND< 0.60
Calcium	5000	ug/L	397000	167000	445000	372000	396000	441000
Iron	100	ug/L	8970	530	13400	9290	6340	5190
Magnesium	5000	ug/L	157000	49900	171000	135000	153000	170000
Manganese	15	ug/L	1540	478	2100	1520	2180	2120
Mercury	.2	ug/L	ND< 0.05	ND< 0.10	ND< 0.2	J 0.1	ND< 0.2	ND< 0.2
Nickel	40	ug/L	ND< 6.9	ND< 13.2	J 15.2	ND< 8.6	ND< 8.0	ND< 8.0
Potassium	5000	ug/L	J 3780	J 4360	J 947	8870	ND< 540	J 1200
Selenium	5	ug/L	ND< 1.0	ND< 2.1	ND< 5.0	ND< 2.5	J 3.7	ND< 50.0
Silver	10	ug/L	ND< 3.1	ND< 3.0	J 6.1	ND< 3.2	ND< 3.0	J 3.3
Sodium	5000	ug/L	57700	39100	67200	55200	70500	69700
Vanadium	50	ug/L	J 12.5	J 13.6	ND< 4.0	ND< 2.9	ND< 4.0	ND< 4.0
Zinc	20	ug/L	29.7	J 11.8	ND< 2.0	ND< 3.0	J 7.0	ND< 2.0

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number			W14-03(A1)	W14-03(A1)	W14-03(A1)	W14-03(A1)	W14-03(A1)	W14-03(A1)
Sample Number			MOF-904	MOF-903	MOF-704	MOF-527	MOF-526	MOF-703
Sample Type				TRIP	TRIP	TRIP		
Sample Date			09/19/89	09/19/89	06/06/89	03/03/89	03/03/89	06/06/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 18.0	NA	NA	NA	J 57.0	J 133
Arsenic	10	ug/L	ND< 2.1	NA	NA	NA	J 2.3	J 3.3
Barium	200	ug/L	J 74.0	NA	NA	NA	J 52.3	J 79.4
Beryllium	5	ug/L	J 0.63	NA	NA	NA	ND< 0.50	ND< 1.7
Calcium	5000	ug/L	172000	NA	NA	NA	173000	166000
Copper	25	ug/L	J 8.7	NA	NA	NA	ND< 3.1	ND< 3.8
Iron	100	ug/L	1040	NA	NA	NA	459	693
Lead	5	ug/L	J 1.1	NA	NA	NA	ND< 1.4	ND< 1.9
Magnesium	5000	ug/L	46400	NA	NA	NA	46700	45800
Manganese	15	ug/L	845	NA	NA	NA	812	806
Potassium	5000	ug/L	ND< 572	NA	NA	NA	J 1940	5050
Silver	10	ug/L	ND< 3.1	NA	NA	NA	ND< 3.2	J 3.6
Sodium	5000	ug/L	39300	NA	NA	NA	34900	36900
Thallium	10	ug/L	J 1.2	NA	NA	NA	J 1.8	ND< 1.5
Vanadium	50	ug/L	ND< 3.3	NA	NA	NA	ND< 2.9	J 16.2
Zinc	20	ug/L	J 6.0	NA	NA	NA	ND< 3.0	J 10

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number==========>			W14-03(A1)	W14-03(A1)	W14-03(A1)
Sample Number==========>			MOF-279	MOF-129	MOF-83
Sample Type==========>					
Sample Date==========>			11/14/88	10/05/88	09/23/88
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	ND< 5.0	J 33.0	ND< 5.0
Antimony	60	ug/L	75.2	78.8	J 48.7
Barium	200	ug/L	J 106	J 96.6	J 87.9
Beryllium	5	ug/L	J 1.7	ND< 0.60	ND< 0.60
Calcium	5000	ug/L	220000	197000	193000
Iron	100	ug/L	309	269	243
Magnesium	5000	ug/L	58800	53800	53600
Manganese	15	ug/L	996	921	886
Potassium	5000	ug/L	ND< 540	J 1500	ND< 540
Silver	10	ug/L	ND< 3.0	J 5.8	ND< 3.0
Sodium	5000	ug/L	40500	37800	41100
Vanadium	50	ug/L	ND< 4.0	J 5.1	ND< 4.0
Zinc	20	ug/L	J 2.1	ND< 2.0	ND< 2.0

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number			W14-04(A1)	W14-04(A1)	W14-04(A1)	W14-04(A1)	W14-04(A1)	W14-04(A1)
Sample Number			MOF-898	MOF-528	MOF-711	MOF-120	MOF-712	MOF-88
Sample Type							TRIP	
Sample Date			09/15/89	03/03/89	06/05/89	10/04/88	06/05/89	09/27/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 90.0	407	419	J 174	NA	J 42.2
Antimony	60	ug/L	ND< 90.0	J 32.2	J 54.1	174	NA	141
Arsenic	10	ug/L	ND< 1.9	J 2.0	J 3.0	ND< 5.0	NA	ND< 7.0
Barium	200	ug/L	J 19.9	298	J 26.0	J 25.0	NA	J 23.4
Beryllium	5	ug/L	3.0	ND< 0.50	ND< 1.7	J 0.76	NA	J 1.7
Calcium	5000	ug/L	371000	389000	360000	423000	NA	387000
Iron	100	ug/L	1580	9600	2030	3620	NA	3820
Magnesium	5000	ug/L	115000	139000	116000	136000	NA	124000
Manganese	15	ug/L	2240	1570	1990	2070	NA	1990
Mercury	.2	ug/L	ND< 0.050	ND< 0.1	ND< 0.10	ND< 0.2	NA	0.2
Potassium	5000	ug/L	ND< 2860	13000	13200	5670	NA	J 2620
Selenium	5	ug/L	J 1.5	ND< 2.5	ND< 2.1	ND< 50.0	NA	ND< 3.0
Silver	10	ug/L	ND< 15.5	14.8	J 5.0	ND< 3.0	NA	J 8.7
Sodium	5000	ug/L	37800	56700	35600	42300	NA	42900
Thallium	10	ug/L	ND< 2.0	J 1.5	ND< 1.5	ND< 5.0	NA	ND< 2.0
Vanadium	50	ug/L	ND< 16.5	J 3.3	J 47.5	J 17.7	NA	ND< 4.0
Zinc	20	ug/L	ND< 7.0	ND< 3.0	29.2	ND< 2.0	NA	J 8.3

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number==========>				W14-04(A1)
Sample Number==========>				MOF-277
Sample Type==========>				SPLIT
Sample Date==========>				11/14/88
Compounds	Quantitation limits	units		
Antimony	60	ug/L		158
Barium	200	ug/L	J	19.3
Calcium	5000	ug/L		406000
Iron	100	ug/L		1430
Magnesium	5000	ug/L		130000
Manganese	15	ug/L		2010
Sodium	5000	ug/L		36500

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number			W14-05(A2)	W14-05(A2)	W14-05(A2)	W14-05(A2)	W14-05(A2)	W14-05(A2)
Sample Number			MOF-905	MOF-127	MOF-305	MOF-304	MOF-304MS	MOF-530
Sample Type					TRIP		MS	TRIP
Sample Date			09/19/89	10/05/88	11/15/88	11/15/88	11/15/88	03/06/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	ND< 18.0	J 22.8	NA	J 39.4	NA	NA
Antimony	60	ug/L	ND< 18.0	95.2	NA	97.4	NA	NA
Barium	200	ug/L	J 21.0	J 28.7	NA	J 29.7	NA	NA
Calcium	5000	ug/L	168000	181000	NA	187000	NA	NA
Copper	25	ug/L	J 4.4	ND< 4.0	NA	ND< 4.0	NA	NA
Iron	100	ug/L	J 75.6	J 54.3	NA	J 63.2	NA	NA
Magnesium	5000	ug/L	51300	56000	NA	57100	NA	NA
Manganese	15	ug/L	J 11.9	37.2	NA	23.8	NA	NA
Potassium	5000	ug/L	J 636	J 1380	NA	J 1450	NA	NA
Selenium	5	ug/L	5.3	ND< 5.0	NA	7.5	NA	NA
Silver	10	ug/L	J 6.7	J 4.5	NA	J 9.9	NA	NA
Sodium	5000	ug/L	33000	31600	NA	30700	NA	NA
Thallium	10	ug/L	J 1.1	ND< 5.0	NA	ND< 5.0	NA	NA
Vanadium	50	ug/L	ND< 3.3	J 4.9	NA	J 7.3	NA	NA
Zinc	20	ug/L	J 11.2	J 2.5	NA	J 2.5	NA	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number==========>			W14-05(A2)	W14-05(A2)	W14-05(A2)	W14-05(A2)
Sample Number==========>			MOF-529	MOF-706	MOF-304MSD	MOF-128
Sample Type==========>					MSD	TRIP
Sample Date==========>			03/06/89	06/07/89	11/15/88	10/05/88
Compounds	Quantitation limits	units				
Aluminum	200	ug/L	J 31.3	J 112	NA	NA
Antimony	60	ug/L	J 38.8	ND< 37.0	NA	NA
Barium	200	ug/L	ND< 4.9	J 45.4	NA	NA
Calcium	5000	ug/L	171000	161000	NA	NA
Iron	100	ug/L	J 30.3	J 35.6	NA	NA
Magnesium	5000	ug/L	52100	49900	NA	NA
Manganese	15	ug/L	J 3.4	ND< 2.4	NA	NA
Potassium	5000	ug/L	J 2100	J 4700	NA	NA
Selenium	5	ug/L	6.6	6.0	NA	NA
Sodium	5000	ug/L	33600	31900	NA	NA
Thallium	10	ug/L	J 1.6	ND< 1.5	NA	NA
Vanadium	50	ug/L	ND< 2.9	J 14.0	NA	NA
Zinc	20	ug/L	J 3.4	J 14.7	NA	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number==========>			W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)
Sample Number==========>			MOF-899	MOF-532	MOF-713	MOF-714	MOF-82MS	MOF-82MSD
Sample Type==========>				DUP		DUP	MS	MSD
Sample Date==========>			09/18/89	03/06/89	06/06/89	06/06/89	09/26/88	09/26/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 42.9	J 89.5	J 34.3	J 125	NA	NA
Arsenic	10	ug/L	J 2.3	ND< 2.1	J 3.0	J 3.0	NA	NA
Barium	200	ug/L	J 66.2	J 46.4	J 84.6	J 84.3	NA	NA
Cadmium	5	ug/L	ND< 3.0	J 4.7	ND< 4.0	ND< 4.0	NA	NA
Calcium	5000	ug/L	151000	167000	151000	153000	NA	NA
Iron	100	ug/L	138	175	209	214	NA	NA
Magnesium	5000	ug/L	45100	49400	47200	47900	NA	NA
Manganese	15	ug/L	71.5	56.2	72.3	76.9	NA	NA
Mercury	.2	ug/L	ND< 0.050	J 0.1	ND< 0.10	ND< 0.10	NA	NA
Potassium	5000	ug/L	J 1740	J 3600	J 1980	5150	NA	NA
Selenium	5	ug/L	6.8	J 4.7	J 4.8	J 4.7	NA	NA
Silver	10	ug/L	J 4.6	J 9.3	ND< 3.0	ND< 3.0	NA	NA
Sodium	5000	ug/L	34900	35900	36300	35900	NA	NA
Thallium	10	ug/L	ND< 1.0	J 1.2	ND< 1.5	ND< 1.5	NA	NA
Vanadium	50	ug/L	J 3.4	ND< 2.9	J 4.1	J 16.8	NA	NA
Zinc	20	ug/L	J 5.5	J 3.4	J 12.0	J 14.8	NA	NA

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number==========>			W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)	W14-06(A2)
Sample Number==========>			MOF-531	MOF-125	MOF-126	MOF-301	MOF-302	MOF-82
Sample Type==========>					DUP		DUP	
Sample Date==========>			03/06/89	10/05/88	10/05/88	11/15/88	11/15/88	09/26/88
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 60.9	J 41.8	J 32.6	J 10.9	J 41.0	J 67.9
Antimony	60	ug/L	ND< 25.0	65.9	61.1	J 55.1	73.2	105
Arsenic	10	ug/L	J 2.3	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 7.0
Barium	200	ug/L	J 40.4	J 53.6	J 53.6	J 66.0	J 64.7	J 67.6
Beryllium	5	ug/L	ND< 0.50	ND< 0.60	ND< 0.60	ND< 0.60	J 0.86	J 0.74
Cadmium	5	ug/L	J 4.8	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0
Calcium	5000	ug/L	159000	144000	129000	149000	156000	122000
Iron	100	ug/L	147	246	205	326	358	256
Magnesium	5000	ug/L	47300	44000	39400	44800	46900	34200
Manganese	15	ug/L	51.2	111	113	113	107	145
Nickel	40	ug/L	J 12.8	J 9.8	ND< 8.0	ND< 8.0	ND< 8.0	ND< 8.0
Potassium	5000	ug/L	J 2750	J 2030	J 1440	J 1420	J 1420	J 3570
Selenium	5	ug/L	J 4.9	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 3.0
Silver	10	ug/L	J 4.3	J 7.2	J 4.9	ND< 3.0	J 8.9	J 6.8
Sodium	5000	ug/L	36300	33700	33700	33900	32800	33900
Thallium	10	ug/L	J 1.6	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 2.0
Vanadium	50	ug/L	ND< 2.9	J 7.0	ND< 4.0	ND< 4.0	J 5.3	J 11.3
Zinc	20	ug/L	ND< 3.0	J 3.4	J 6.0	ND< 2.0	ND< 2.0	J 7.3

Summary of Detected Chemicals
Site 14 Water Samples by Well (Inorganics)

Well Number==========> W14-FB
Sample Number==========> MOF-84
Sample Type==========> FIELD
Sample Date==========> 09/23/88

Compounds	Quantitation limits	units		
Aluminum	200	ug/L	J	28.0
Sodium	5000	ug/L	J	55.1

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 15

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 15

Inorganic Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 15

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 16

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 16

Inorganic Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 16

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 17

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 17

Inorganic Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 17

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 18

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 18

Inorganic Data

WATER SAMPLES WERE NOT COLLECTED AT SITE 18

N00296.001074
MOFFETT FIELD
SSIC NO. 5090.3

APPENDIX D
SITE 19

CHARACTERIZATION REPORT
PHASE I REMEDIAL INVESTIGATION

DATED 01 APRIL 1991

FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

Key to Symbols

U	Analyzed for but not detected. Reported value is quantitation limit.
B	Analyte was found in the associated blank as well as in the sample.
J	Analyte was detected below quantiation limits; quantity provided was estimated by the laboratory. (Target compound - 0 < QL or TIC ID - a 1:1 response is assumed for quantitation)
E	Compound concentration exceeds the GC/MS calibration range.
TB	Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory.
FB	Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis.
DUP	Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used.
N	Spike sample not within control limits.
*	Duplicate analysis not within control limits.
SPLIT	A sample was collected, divided into two samples and sent to different laboratories for analysis. Note: Results from both samples are not included in the Phase I Characterization Report.

Footnotes (Continued)

EQ RINSE	Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. Note: The NAS Moffett field remedial investigation uses mostly dedicated equipment and there are few equipment rinsates.
TIC	Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample.
Unknown at 9.07	Indicates the retention time for an unknown.
SB	Soil Boring
GW	Groundwater
FP	Free Product
SS	Shallow/Surface soil
SW	Surface Water
SUR	Surface
NA	Not Applicable
WX-Y (ZB)	W - Well X - Site Identification Y - Well Number ZB - Aquifer Designation
MD1	Depth: 1-2.5 feet
MD2	Depth: 3-4.5
MD3	Depth: 5-6.5
MD4	Duplicate
SED	Sediment sample
EMB	Embankment sample

Organic

Data

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number			W19-01(A1)	W19-01(A1)	W19-01(A1)	W19-01(A1)	W19-01(A1)	W19-01(A1)
Sample Number			MOF-802	MOF-628	MOF-398	MOF-629	MOF-103	MOF-104
Sample Type						TRIP	SPLIT	TRIP
Sample Date			07/27/89	04/25/89	01/18/89	04/25/89	09/28/88	09/28/88
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	6	7	7	ND< 5	J 2	NA
1,1-Dichloroethane	5	ug/L	6	5	6	ND< 5	ND< 5	NA
1,1-Dichloroethylene	5	ug/L	J 2	ND< 5	J 3	ND< 5	ND< 5	NA
1,2-Dichloroethenes(Total)	5	ug/L	17	15	16	ND< 5	ND< 5	NA
Acetone	10	ug/L	11	ND< 10	BJ 5	10	ND< 10	NA
Benzene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	38	NA
Carbon tetrachloride	5	ug/L	9	9	8	ND< 5	ND< 5	NA
Chloroform	5	ug/L	7	7	7	ND< 5	B 10	NA
Ethyl benzene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	J 4	NA
Methylene chloride	5	ug/L	B 10	B 7	BJ 3	B 20	B 5	NA
Tetrachloroethene	5	ug/L	85	73	66	ND< 5	9	NA
Toluene	5	ug/L	ND< 5	ND< 5	ND< 5	ND< 5	10	NA
Trichloroethene	5	ug/L	25	25	20	ND< 5	J 3	NA
Bis(2-Ethylhexyl)phthalate	10	ug/L	J 2	ND< 10	ND< 10	NA	ND< 10	NA
Bicarbonate	1	mg/L	NA	NA	420	NA	430	NA
Chloride	.1	mg/L	NA	NA	65	NA	41	NA
Nitrate	.1	mg/L	NA	NA	2.4	NA	2.1	NA
Sulfate	.2	mg/L	NA	NA	230	NA	240	NA
TDS	10	mg/L	NA	NA	840	NA	880	NA

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Compounds	Quantitation limits	units							
Well Number			W19-01(A1)			W19-01(A1)		W19-01(A1)	
Sample Number			MOF-152			MOF-154		MOF-153	
Sample Type						DUP		TRIP	
Sample Date			10/12/88			10/12/88		10/12/88	
1,1,1-Trichloroethane	5	ug/L		9			10	ND<	5
1,1-Dichloroethane	5	ug/L	J	4			5	ND<	5
1,1-Dichloroethylene	5	ug/L	J	2		J	3	ND<	5
1,2-Dichloroethenes(Total)	5	ug/L		10			15	ND<	5
Acetone	10	ug/L	B	17		ND<	10	ND<	10
Carbon tetrachloride	5	ug/L		17			12	ND<	5
Chloroform	5	ug/L		6			7	ND<	5
Methylene chloride	5	ug/L	B	17		B	18	B	20
Tetrachloroethene	5	ug/L		52			97	J	1
Toluene	5	ug/L	BJ	2		ND<	5	BJ	1
Trichloroethene	5	ug/L		19			30	ND<	5
Bicarbonate	1	mg/L		430			430	NA	
Chloride	.1	mg/L		37			63	NA	
Nitrate	.1	mg/L		2.1			2.1	NA	
Sulfate	.2	mg/L		220			240	NA	
TDS	10	mg/L		810			840	NA	

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number==========>			W19-02(A2)	W19-02(A2)	W19-02(A2)	W19-02(A2)	W19-02(A2)	W19-02(A2)
Sample Number==========>			MOF-95	MOF-319	MOF-318	MOF-159	MOF-453	MOF-452
Sample Type==========>							FIELD	
Sample Date==========>			09/28/88	11/18/88	11/18/88	10/12/88	01/19/89	01/19/89
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	5	ND< 5	ND< 5	ND< 5
1,1-Dichloroethane	5	ug/L	ND< 5	ND< 5	J 4	ND< 5	ND< 5	ND< 5
1,1-Dichloroethylene	5	ug/L	ND< 5	ND< 5	J 2	ND< 5	ND< 5	ND< 5
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	ND< 5	11	ND< 5	ND< 5	ND< 5
Acetone	10	ug/L	ND< 10	BJ 7	BJ 5	ND< 10	ND< 10	BJ 9
Benzene	5	ug/L	J 3	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Carbon tetrachloride	5	ug/L	ND< 5	ND< 5	6	ND< 5	ND< 5	ND< 5
Chloroform	5	ug/L	ND< 5	ND< 5	J 4	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	BJ 4	BJ 4	BJ 3	B 18	B 20	B 9
Tetrachloroethene	5	ug/L	ND< 5	ND< 5	64	J 1	ND< 5	ND< 5
Toluene	5	ug/L	J 2	J 1	ND< 5	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	ND< 5	ND< 5	17	J 4	ND< 5	ND< 5
Bicarbonate	1	mg/L	240	250	420	240	ND< 1	250
Chloride	.1	mg/L	24	21	38	20	ND< 0.1	20
Nitrate	.1	mg/L	ND< 0.1	ND< 0.1	2.4	ND< 0.1	ND< 0.1	ND< 0.1
Sulfate	.2	mg/L	26	23	240	22	0.2	24
TDS	10	mg/L	340	430	920	320	ND< 10	340

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number			W19-02(A2)	W19-02(A2)	W19-02(A2)
Sample Number			MOF-804	MOF-630	MOF-631
Sample Type					DUP
Sample Date			07/27/89	04/25/89	04/25/89
Compounds	Quantitation limits	units			
Acetone	10	ug/L	J 7	ND< 10	ND< 10
Methylene chloride	5	ug/L	B 10	B 19	B 17
Di-n-butylphthalate	10	ug/L	ND< 10	ND< 10	J 2

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number=>			W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)
Sample Number=>			MOF-807	MOF-315	MOF-101	MOF-101MSD	MOF-102	MOF-101MS
Sample Type=>			DUP			MSD	TRIP	MS
Sample Date=>			07/28/89	11/18/88	09/28/88	09/28/88	09/28/88	09/28/88
Compounds	Quantitation limits	units						
Acetone	10	ug/L	10	BJ 9	ND< 10	NA	ND< 10	NA
Chloroform	5	ug/L	ND< 5	ND< 5	B 6	NA	ND< 5	NA
Methylene chloride	5	ug/L	B 7	BJ 4	B 10	NA	B 13	NA
Toluene	5	ug/L	ND< 5	B 8	20	NA	J 3	NA
Bicarbonate	1	mg/L	NA	270	270	NA	NA	NA
Chloride	.1	mg/L	NA	30	34	NA	NA	NA
Sulfate	.2	mg/L	NA	39	55	NA	NA	NA
TDS	10	mg/L	NA	490	390	NA	NA	NA

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number==========> W19-03(A2)
Sample Number==========> MOF-806
Sample Type==========>
Sample Date==========> 07/28/89

Compounds	Quantitation limits	units		
Acetone	10	ug/L		13
Carbon tetrachloride	5	ug/L	J	1
Chlorobenzene	5	ug/L	J	1
Chloroform	5	ug/L	J	3
Methylene chloride	5	ug/L	B	10
Trichloroethene	5	ug/L	J	1

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number==========>			W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)
Sample Number==========>			MOF-155	MOF-160	MOF-162	MOF-455	MOF-625	MOF-454
Sample Type==========>			TRIP	SPLIT	TRIP	DUP		
Sample Date==========>			10/13/88	10/13/88	10/13/88	01/19/89	04/24/89	01/19/89
Compounds	Quantitation limits	units						
1,1-Dichloroethylene	5	ug/L	J 1	J 2	NA	ND< 5	ND< 5	ND< 5
Acetone	10	ug/L	BJ 7	BJ 5	NA	ND< 10	J 7	ND< 10
Benzene	5	ug/L	J 1	J 1	NA	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 25	B 20	NA	B 18	B 8	B 19
Tetrachloroethene	5	ug/L	J 2	J 1	NA	ND< 5	ND< 5	ND< 5
Toluene	5	ug/L	BJ 2	BJ 2	NA	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	J 2	J 2	NA	ND< 5	ND< 5	ND< 5
Bicarbonate	1	mg/L	NA	270	NA	270	NA	270
Chloride	.1	mg/L	NA	28	NA	26	NA	26
Sulfate	.2	mg/L	NA	42	NA	36	NA	36
TDS	10	mg/L	NA	390	NA	380	NA	380

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number==========>			W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)
Sample Number==========>			MOF-90	MOF-626	MOF-316	MOF-161	MOF-317	MOF-456
Sample Type==========>							TRIP	
Sample Date==========>			09/28/88	04/24/89	11/18/88	10/13/88	11/18/88	01/20/89
Compounds	Quantitation limits	units						
1,1,1-Trichloroethane	5	ug/L	5	J 4	J 3	9	ND< 5	J 3
1,1-Dichloroethane	5	ug/L	7	9	5	8	ND< 5	6
1,1-Dichloroethylene	5	ug/L	7	ND< 5	5	6	ND< 5	5
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	J 3	ND< 5	J 2	ND< 5	J 2
Acetone	10	ug/L	ND< 10	ND< 10	BJ 6	ND< 10	B 16	BJ 3
Ethyl benzene	5	ug/L	ND< 5	ND< 5	J 1	ND< 5	ND< 5	ND< 5
Methylene chloride	5	ug/L	B 8	B 7	BJ 4	B 19	B 28	BJ 3
Tetrachloroethene	5	ug/L	J 2	ND< 5	ND< 5	ND< 5	ND< 5	ND< 5
Toluene	5	ug/L	J 2	ND< 5	B 8	BJ 1	B 8	ND< 5
Total xylenes	5	ug/L	ND< 5	ND< 5	J 4	ND< 5	ND< 5	ND< 5
Trichloroethene	5	ug/L	J 3	J 4	J 1	J 3	ND< 5	J 2
Bicarbonate	1	mg/L	400	NA	410	390	NA	400
Chloride	.1	mg/L	46	NA	36	35	NA	40
Sulfate	.2	mg/L	180	NA	160	140	NA	150
TDS	10	mg/L	680	NA	800	650	NA	700

Summary of Detected Chemicals
Site 19 Water Samples by Well (Organics)

Well Number==========>			W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)
Sample Number==========>			MOF-627	MOF-457	MOF-809	MOF-808	MOF-94
Sample Type==========>			TRIP	TRIP	TRIP		DUP
Sample Date==========>			04/24/89	01/20/89	07/28/89	07/28/89	09/28/88
Compounds	Quantitation limits	units					
1,1,1-Trichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	J 3	J 4
1,1-Dichloroethane	5	ug/L	ND< 5	ND< 5	ND< 5	7	6
1,1-Dichloroethylene	5	ug/L	ND< 5	ND< 5	ND< 5	7	7
1,2-Dichloroethenes(Total)	5	ug/L	ND< 5	ND< 5	ND< 5	J 2	ND< 5
Acetone	10	ug/L	J 6	BJ 4	17	J 8	ND< 10
Chloroform	5	ug/L	ND< 5	ND< 5	ND< 5	J 1	ND< 5
Methylene chloride	5	ug/L	B 7	BJ 4	B 19	B 7	B 8
Trichloroethene	5	ug/L	ND< 5	ND< 5	ND< 5	J 3	J 2
Di-n-butylphthalate	10	ug/L	NA	NA	NA	J 5	ND< 10
Bicarbonate	1	mg/L	NA	NA	NA	NA	400
Chloride	.1	mg/L	NA	NA	NA	NA	44
Sulfate	.2	mg/L	NA	NA	NA	NA	170
TDS	10	mg/L	NA	NA	NA	NA	660

Inorganic Data

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W19-01(A1) MOF-802 07/27/89	W19-01(A1) MOF-628 04/25/89	W19-01(A1) MOF-398 01/18/89	W19-01(A1) MOF-629 TRIP 04/25/89	W19-01(A1) MOF-103 SPLIT 09/28/88	W19-01(A1) MOF-104 TRIP 09/28/88
Aluminum	200	ug/L	ND< 13.4	ND< 13.0	ND< 3.2	NA	J 30.4	NA
Antimony	60	ug/L	ND< 37.0	J 26.0	J 34	NA	ND< 60	NA
Barium	200	ug/L	J 142	J 144	J 136	NA	J 145	NA
Beryllium	5	ug/L	ND< 1.7	ND< 0.50	ND< 0.50	NA	J 0.61	NA
Cadmium	5	ug/L	ND< 3.9	ND< 3.7	ND< 3.7	NA	13.5	NA
Calcium	5000	ug/L	119000	112000	116000	NA	118000	NA
Chromium	10	ug/L	ND< 3.7	ND< 3.1	ND< 3.1	NA	J 8.8	NA
Cobalt	50	ug/L	ND< 6.8	ND< 6.5	ND< 6.5	NA	J 10.3	NA
Iron	100	ug/L	J 52.6	J 51.7	J 86.8	NA	J 75.8	NA
Magnesium	5000	ug/L	71900	66600	71100	NA	66600	NA
Manganese	15	ug/L	24.4	J 18.3	37.7	NA	174	NA
Mercury	.2	ug/L	ND< 0.10	0.2	ND< 0.1	NA	ND< 0.2	NA
Nickel	40	ug/L	ND< 13.2	ND< 8.6	ND< 8.6	NA	J 21.3	NA
Potassium	5000	ug/L	J 465	ND< 422	J 424	NA	J 1950	NA
Selenium	5	ug/L	J 4.4	J 4.5	J 4.4	NA	ND< 5.0	NA
Silver	10	ug/L	ND< 3.0	ND< 3.2	ND< 3.2	NA	J 8.6	NA
Sodium	5000	ug/L	68900	71400	69400	NA	71900	NA
Vanadium	50	ug/L	J 5.2	ND< 2.9	J 2.9	NA	J 12.6	NA
Zinc	20	ug/L	ND< 5.9	ND< 3.0	ND< 3.0	NA	J 12.5	NA

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Well Number			W19-01(A1)		W19-01(A1)		W19-01(A1)
Sample Number			MOF-152		MOF-154		MOF-153
Sample Type					DUP		TRIP
Sample Date			10/12/88		10/12/88		10/12/88
Compounds	Quantitation limits	units					
Barium	200	ug/L	J	140	J	140	NA
Calcium	5000	ug/L		119000		121000	NA
Iron	100	ug/L	J	98.6		146	NA
Magnesium	5000	ug/L		74500		75400	NA
Manganese	15	ug/L		139		126	NA
Sodium	5000	ug/L		76500	ND<	78000	NA

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units	W19-02(A2) MOF-95 09/28/88	W19-02(A2) MOF-319 11/18/88	W19-02(A2) MOF-318 11/18/88	W19-02(A2) MOF-159 10/12/88	W19-02(A2) MOF-453 FIELD 01/19/89	W19-02(A2) MOF-452 01/19/89
Aluminum	200	ug/L	J 38.6	ND< 5.0	ND< 5.0	ND< 5.0	J 56.4	J 17.3
Antimony	60	ug/L	ND< 60	J 21	ND< 60	ND< 60	J 25	ND< 60
Barium	200	ug/L	J 52.2	J 49.5	J 135	J 44.0	ND< 4.9	J 41.9
Beryllium	5	ug/L	ND< 0.60	J 1.1	J 1.1	ND< 0.60	ND< 0.50	ND< 0.50
Calcium	5000	ug/L	29500	30100	121000	29600	J 113	29500
Iron	100	ug/L	171	174	213	162	J 4.2	144
Lead	5	ug/L	ND< 5.0	ND< 5	ND< 5.0	ND< 5.0	ND< 1.4	J 1.4
Magnesium	5000	ug/L	18200	19400	73000	20000	ND< 141	19600
Manganese	15	ug/L	143	140	52.1	144	ND< 1.7	136
Mercury	.2	ug/L	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.2	J 0.2	J 0.1
Potassium	5000	ug/L	J 3160	ND< 540	ND< 540	J 876	J 1680	J 1310
Silver	10	ug/L	J 4.3	ND< 3.0	ND< 3.0	ND< 3.0	J 5.7	ND< 3.2
Sodium	5000	ug/L	68600	69500	68700	75300	J 245	68100
Vanadium	50	ug/L	J 4.3	ND< 4.0	ND< 4.0	ND< 4.0	J 3.0	ND< 2.9
Zinc	20	ug/L	J 2.3	J 3.6	71.7	ND< 2.0	J 3.6	ND< 3.0

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Well Number			W19-02(A2)	W19-02(A2)	W19-02(A2)
Sample Number			MOF-804	MOF-630	MOF-631
Sample Type					DUP
Sample Date			07/27/89	04/25/89	04/25/89
Compounds	Quantitation limits	units			
Aluminum	200	ug/L	J 62.2	ND< 13.0	ND< 13.0
Antimony	60	ug/L	ND< 37.4	J 51.2	J 42.2
Arsenic	10	ug/L	J 2.8	J 3.0	J 3.1
Barium	200	ug/L	J 63.5	J 65.0	J 65.1
Calcium	5000	ug/L	31300	30000	29700
Iron	100	ug/L	151	108	120
Magnesium	5000	ug/L	19700	18600	18500
Manganese	15	ug/L	154	143	144
Mercury	.2	ug/L	ND< 0.10	J 0.1	ND< 0.1
Potassium	5000	ug/L	J 2430	ND< 422	J 586
Silver	10	ug/L	J 9.0	ND< 3.2	ND< 3.2
Sodium	5000	ug/L	74200	72300	71800
Vanadium	50	ug/L	J 11.0	ND< 2.9	ND< 2.9
Zinc	20	ug/L	ND< 6.0	ND< 3.0	J 5.3

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Compounds	Quantitation limits	units						
Well Number=====>			W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)
Sample Number=====>			MOF-807	MOF-315	MOF-101	MOF-101MSD	MOF-102	MOF-101MS
Sample Type=====>			DUP			MSD	TRIP	MS
Sample Date=====>			07/28/89	11/18/88	09/28/88	09/28/88	09/28/88	09/28/88
Aluminum	200	ug/L	ND< 13.4	ND< 5.0	J 35.6	NA	NA	NA
Barium	200	ug/L	J 111	J 58.8	J 57.3	NA	NA	NA
Beryllium	5	ug/L	ND< 1.7	J 1.1	ND< 0.60	NA	NA	NA
Calcium	5000	ug/L	41000	44000	42400	NA	NA	NA
Iron	100	ug/L	J 60.7	J 8.3	J 55.1	NA	NA	NA
Magnesium	5000	ug/L	24000	25500	23800	NA	NA	NA
Manganese	15	ug/L	167	173	167	NA	NA	NA
Potassium	5000	ug/L	ND< 416	ND< 540	J 3100	NA	NA	NA
Silver	10	ug/L	ND< 3.0	ND< 3.0	J 5.3	NA	NA	NA
Sodium	5000	ug/L	67000	70500	69100	NA	NA	NA
Zinc	20	ug/L	ND< 5.9	J 4.0	ND< 2.0	NA	NA	NA

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Well Number			W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)	W19-03(A2)
Sample Number			MOF-155	MOF-160	MOF-162	MOF-455	MOF-625	MOF-454
Sample Type			TRIP	SPLIT	TRIP	DUP		
Sample Date			10/13/88	10/13/88	10/13/88	01/19/89	04/24/89	01/19/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	NA	ND< 5.0	NA	J 20.0	ND< 13.0	J 8.7
Antimony	60	ug/L	NA	ND< 60	NA	ND< 60	J 34.7	ND< 60
Barium	200	ug/L	NA	J 54.9	NA	J 67.0	J 101	J 66.0
Calcium	5000	ug/L	NA	44000	NA	41500	41100	41400
Iron	100	ug/L	NA	J 37.4	NA	J 54.7	J 48.3	J 50.5
Lead	5	ug/L	NA	ND< 5.0	NA	J 1.8	ND< 1.4	J 1.7
Magnesium	5000	ug/L	NA	26700	NA	24700	23200	24700
Manganese	15	ug/L	NA	174	NA	169	174	169
Mercury	.2	ug/L	NA	ND< 0.2	NA	J 0.1	J 0.1	0.2
Nickel	40	ug/L	NA	ND< 8.0	NA	ND< 8.6	J 14.4	ND< 8.6
Potassium	5000	ug/L	NA	J 677	NA	J 1880	J 640	J 770
Sodium	5000	ug/L	NA	72500	NA	68900	71800	68800

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Well Number==========> W19-03(A2)
Sample Number==========> MOF-806
Sample Type==========>
Sample Date==========> 07/28/89

Compounds	Quantitation limits	units		
Barium	200	ug/L	J	113
Calcium	5000	ug/L		41400
Iron	100	ug/L	J	60.7
Magnesium	5000	ug/L		24200
Manganese	15	ug/L		169
Potassium	5000	ug/L	J	641
Sodium	5000	ug/L		67800
Vanadium	50	ug/L	J	2.7

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Well Number==========>			W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)
Sample Number==========>			MOF-90	MOF-626	MOF-316	MOF-161	MOF-317	MOF-456
Sample Type==========>							TRIP	
Sample Date==========>			09/28/88	04/24/89	11/18/88	10/13/88	11/18/88	01/20/89
Compounds	Quantitation limits	units						
Aluminum	200	ug/L	J 24.9	ND< 13.0	ND< 5.0	ND< 5.0	NA	J 15.5
Antimony	60	ug/L	ND< 60	ND< 25.0	ND< 60	ND< 60	NA	J 28
Barium	200	ug/L	J 90.7	J 117	J 95.9	J 91.3	NA	J 84.5
Cadmium	5	ug/L	ND< 5.0	ND< 3.7	ND< 5.0	ND< 5.0	NA	J 3.7
Calcium	5000	ug/L	91200	88100	93000	89300	NA	85700
Iron	100	ug/L	322	307	181	153	NA	330
Magnesium	5000	ug/L	60900	61300	65200	64800	NA	61200
Manganese	15	ug/L	634	457	564	657	NA	412
Mercury	.2	ug/L	ND< 0.2	ND< 0.1	ND< 0.2	ND< 0.2	NA	J 0.2
Nickel	40	ug/L	ND< 8.0	J 15.2	J 10.6	ND< 8.0	NA	ND< 8.6
Potassium	5000	ug/L	J 2620	ND< 422	ND< 540	ND< 540	NA	J 876
Silver	10	ug/L	J 4.3	ND< 3.2	ND< 3.0	ND< 3.0	NA	J 3.5
Sodium	5000	ug/L	66700	69900	67700	69000	NA	65500
Zinc	20	ug/L	ND< 2.0	ND< 3.0	J 3.0	ND< 2.0	NA	ND< 3.0

Summary of Detected Chemicals
Site 19 Water Samples by Well (Inorganics)

Well Number			W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)	W19-04(A1)
Sample Number			MOF-627	MOF-457	MOF-809	MOF-808	MOF-94
Sample Type			TRIP	TRIP	TRIP		DUP
Sample Date			04/24/89	01/20/89	07/28/89	07/28/89	09/28/88
Compounds	Quantitation limits	units					
Aluminum	200	ug/L	NA	NA	NA	ND< 13.4	J 35.5
Barium	200	ug/L	NA	NA	NA	J 101	J 92.2
Calcium	5000	ug/L	NA	NA	NA	89100	91100
Iron	100	ug/L	NA	NA	NA	273	316
Magnesium	5000	ug/L	NA	NA	NA	63700	60900
Manganese	15	ug/L	NA	NA	NA	432	636
Potassium	5000	ug/L	NA	NA	NA	ND< 416	J 2970
Silver	10	ug/L	NA	NA	NA	ND< 3.0	J 6.2
Sodium	5000	ug/L	NA	NA	NA	64200	66300
Zinc	20	ug/L	NA	NA	NA	ND< 5.9	J 2.3