

00415



**GROUNDWATER MONITORING
VALIDATED ANALYTICAL RESULTS FOR THE FOURTH QUARTER 1995
OB/OD GROUND, SENECA ARMY DEPOT**

PREPARED FOR:
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Huntsville, Alabama

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Boston, Massachusetts

March 1996
D#14

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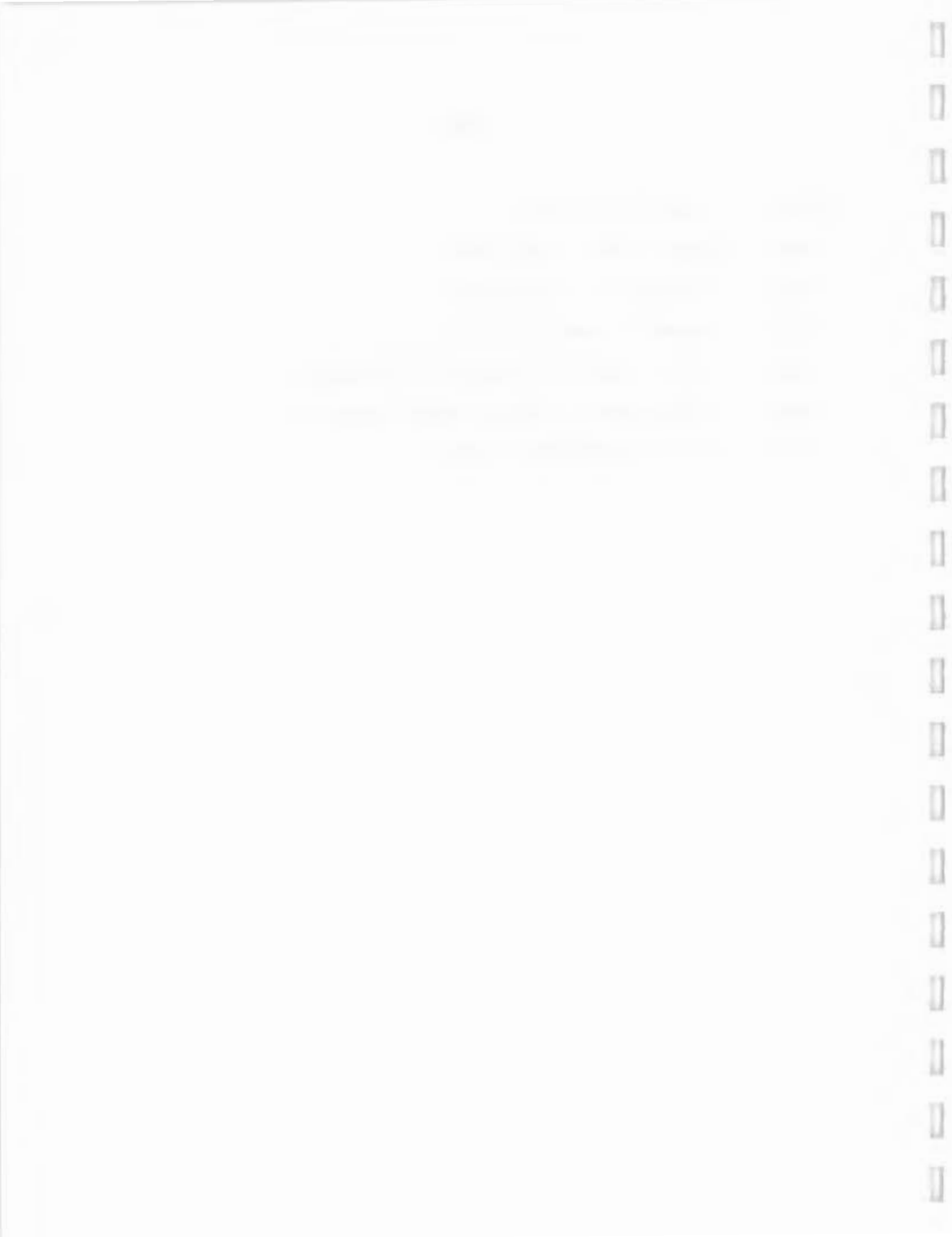


TABLE 1
SENECA ARMY DEPOT ACTIVITY
1995 GROUNDWATER MONITORING PROGRAM
GROUNDWATER ELEVATION DATA

Monitoring Well	Elevation at Top of Riser (MSL)	First Quarter 1995			Second Quarter 1995			Third Quarter 1995			Fourth Quarter 1995		
		Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)	Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)	Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)	Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)
Grounds V-12 V-13 V-14 V-27	624.5	03/15/95	Not Measured	624.79	06/08/95	4.36	620.14	09/13/95	5.65	618.85	1/15/96	ice	NA
	627.09	03/15/95	2.3		06/08/95	4.95	622.14	09/13/95	6.47	620.62	1/16/96	2.38	624.71
	624.51	03/15/95	Not Measured		06/08/95	6.4	618.11	09/13/95	7.69	616.82	1/15/96	ice	NA
	625.94	03/15/95	Not Measured		06/08/95	6.7	619.24	09/13/95	7.15	618.79	1/15/96	3.68	622.26
Grounds W45-1 W45-2 W45-3 W45-4	625.08	03/15/95	Not Measured	633.04	06/08/95	Dry	NA	09/13/95	Dry	NA	1/15/96	8.00	617.08
	626.76	03/15/95	Not Measured		06/08/95	Dry	NA	09/13/95	Dry	NA	1/15/96	11.98	614.78
	626.45	03/15/95	Not Measured		06/08/95	9.4	617.05	09/13/95	11.3	615.15	1/15/96	9.24	617.21
	633.04	03/15/95	Not Measured		06/08/95	8.36	624.68	09/13/95	Dry	NA	1/15/96	7.28	625.76



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ARCHITECTURE
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STREET
NEW YORK
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TABLE 2
SENECA ARMY DEPOT ACTIVITY
OB GROUNDS FOURTH QUARTER 1995 MONITORING PROGRAM
INDICATOR ANALYSIS RESULTS

PARAMETER	MATRIX SITE	WATER OB	WATER OB	WATER OB	WATER OB	WATER OB	WATER OB	WATER OB	WATER OB	WATER OB
	DATE SAMPLED	01/16/96	01/16/96	01/16/96	01/16/96	01/16/96	01/16/96	01/16/96	01/16/96	01/16/96
	ES ID	MW12A	MW12B	MW12C	MW12D	MW13A	MW13B	MW13C	MW13D	MW13D
	LAB ID	286534	286535	286536	286537	286538	286539	286540	286541	286541
	UNITS									
Conductivity	standard units	7.03	7.2	7.21	7.23	7.15	7.15	7.11	7.11	7.11
	umhos/cm	877	862	865	873	902	890	900	883	883
	mg/L	1.0	1.2	0.98	1.13	1.3	1.3	1.3	0.9	0.9
Total Organic Carbon	mg/L	0.02	U	U	U	U	U	U	U	U
Total Organic Halides										

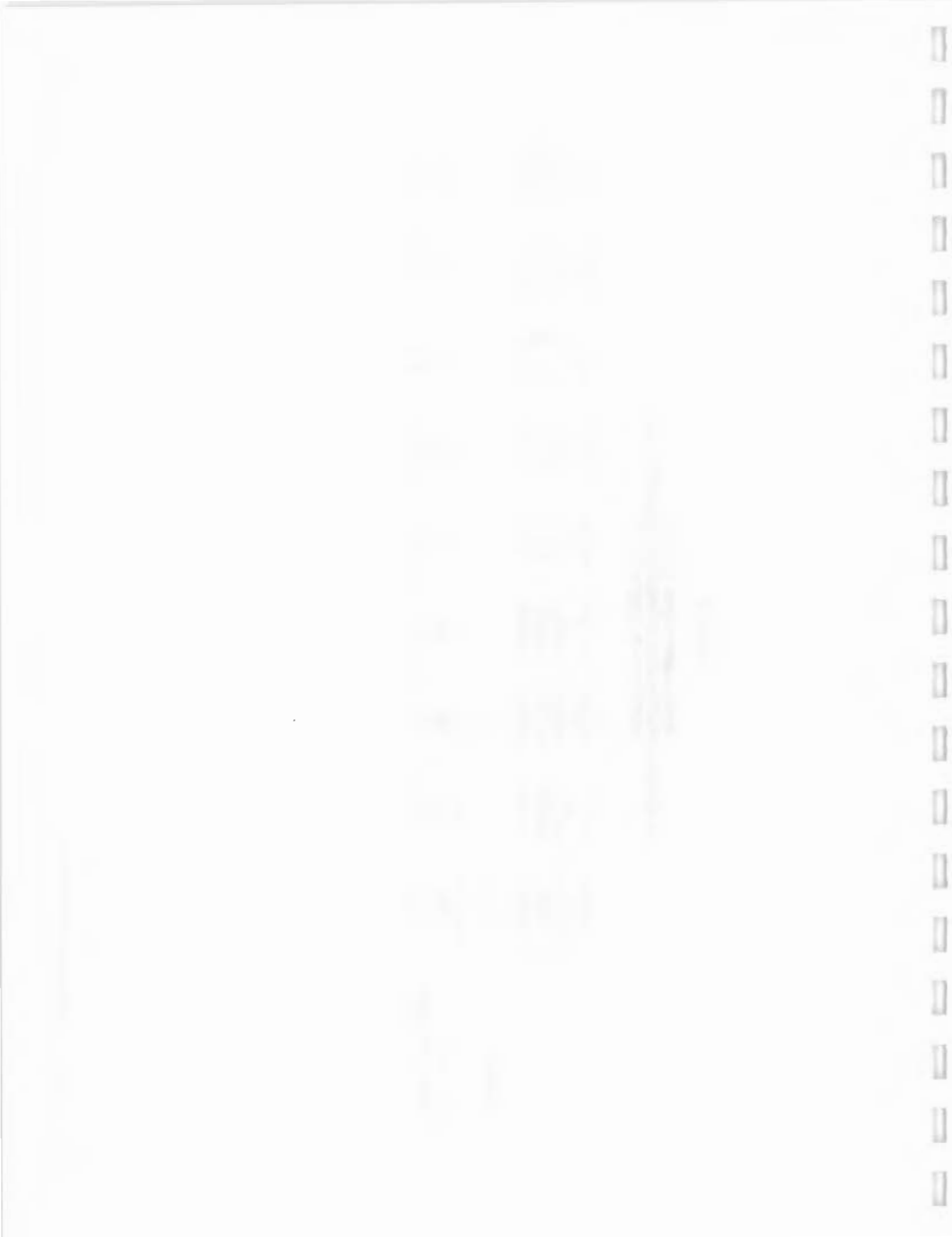




TABLE 3

**SENECA ARMY DEPOT ACTIVITY
OD GROUNDS FOURTH QUARTER 1995 MONITORING PROGRAM
INDICATOR ANALYSIS RESULTS**

[illegible]

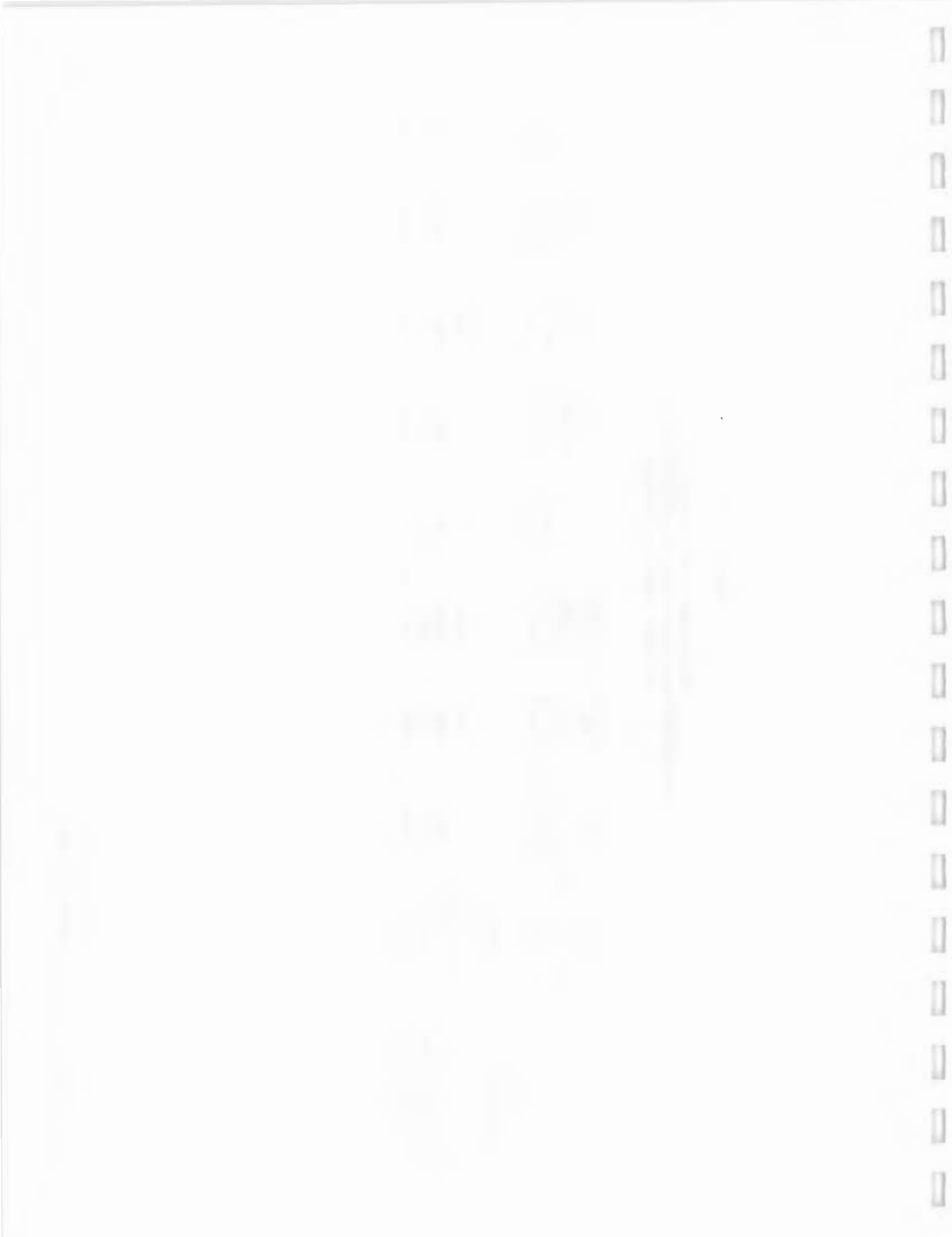


Table 4

**OB/OD 1995 Fourth Quarter Groundwater Monitoring
Validated TAL Metals Analytical Results**

ES ID SITE MATRIX DATA SAMPLED LAB ID	MW12 OB WATER 01/18/96 56277	MW13A OB WATER 01/18/96 56277	MW14 OB WATER 01/16/96 56202	MW27 OB WATER 01/18/96 56277	MW114 OB WATER 01/16/96 56202	MW14R OB WATER 01/16/96 56202	MW45-3 OD WATER 01/18/96 56277	MW45-3 OD WATER 01/18/96 56277
ALUMINUM	350	1210	56.5	11.3 U	138	11.3 U	26.4	26.4
ANTHRACENE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
BENZENE	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	3.7	3.7
CHLOROBENZENE	92.3	75.7	46.1	79.1	47.7	5.4 U	16.8	16.8
CHLOROPHENOL	0.27	0.36	0.17	0.29	0.23	0.16	0.34	0.34
COPPER	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHROMIUM	82500	140000	159000	87600	160000	143 U	184000	184000
COBALT	0.64	1.9	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
IRON	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
LEAD	1.7	3.8	1 U	1.2	1.6	1.4	1 U	1 U
MANGANESE	380	1850	92.4	18.8	206	10.6 U	69.2	69.2
NICKEL	1.6 U	2.9	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
SILICA	64300	27400	32800	65800	33100	137 U	69900	69900
SODIUM	5.4	49.3	1.2	32.4	5.1	0.5 U	31.7	31.7
SULFUR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	2.1	3	1.4 U	3.3	2.8	1.4 U	5	5
TRICHLOROETHYLENE	8650 U	2190	1430	9600	1470	136 U	8970	8970
TRICHLOROETHYLENE	3.2	2.2 U	2.2 U	2.8	2.2 U	2.2 U	2.2 U	2.2 U
TRICHLOROETHYLENE	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
TRICHLOROETHYLENE	16200	26400	30200	19600	30300	187 U	16500	16500
TRICHLOROETHYLENE	7.5	3.7	2.3 U	2.3 U	6.3	2.3 U	2.3 U	2.3 U
TRICHLOROETHYLENE	1.6 U	2	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
TRICHLOROETHYLENE	17.6	50.1	3.8	2.7	4.3	0.99	6.1	6.1
TRICHLOROETHYLENE	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U

1. 1000	1000
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100. 1000	1000

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TABLE 5
SENECA ARMY DEPOT ACTIVITY
FOURTH QUARTER 1995 GROUNDWATER MONITORING PROGRAM
HISTORICAL SUMMARY OF OB GROUNDS INDICATOR PARAMETER DATA

Monitoring Well	June 1994	Dec 1994	June 1995	January 1996
pH				
Upgradient Well: MW-13	6.97	7.04	7.14	7.13
Downgradient Wells: MW-12	7.3	7.37	7.4	7.18
MW-14	7.07	7.11	7.18	6.75
MW-27	7.28	7.34	7.4	7.26
Conductivity				
Upgradient Well: MW-13	936	886	838	894
Downgradient Wells: MW-12	897	911	892	869
MW-14	1100	1082	1090	1025
MW-27	875	953	912	944
Total Organic Carbon				
Upgradient Well: MW-13	1.2	1.2	1.2	1.2
Downgradient Wells: MW-12	1.1	1.2	1.3	1.1
MW-14	1	1	1.1	1.0
MW-27	0.6	1	1.1	0.8
Total Organic Halides				
Upgradient Well: MW-13	0.02U	0.03	0.02U	0.02U
Downgradient Wells: MW-12	0.02U	0.04	0.02U	0.02U
MW-14	0.02U	0.02U	0.02U	0.02U
MW-27	0.02U	0.03	0.02U	0.02U

TABLE 1				
Summary of the results of the analysis of variance for the different factors				
Factor	Source of variation	Sum of squares	D.F.	Mean square
Replication	Between replicates	1.2	1	1.2
	Within replicates	1.8	1	1.8
Treatment	Between treatments	1.2	1	1.2
	Within treatments	1.8	1	1.8
Block	Between blocks	1.2	1	1.2
	Within blocks	1.8	1	1.8
Error	Between errors	1.2	1	1.2
	Within errors	1.8	1	1.8
Total	Between total	1.2	1	1.2
	Within total	1.8	1	1.8

TABLE 6
SENECA ARMY DEPOT ACTIVITY
FOURTH QUARTER 1995 GROUNDWATER MONITORING PROGRAM
HISTORICAL SUMMARY OF OD GROUNDS INDICATOR PARAMETER DATA

Monitoring Well	June 1994	Dec 1994	June 1995	January 1996
pH				
Upgradient Well: MW45-4	7.19	7.1	7.24	7.16
Downgradient Wells: MW45-1	-	-	-	-
MW45-2	7.05	-	-	-
MW45-3	7.32	7.19	7.38	7.18
Conductivity				
Upgradient Well: MW45-4	772	1030	829	891
Downgradient Wells: MW45-1	-	-	-	-
MW45-2	1488	-	-	-
MW45-3	1788	1430	1335	1325
Total Organic Carbon				
Upgradient Well: MW45-4	0.6	1	0.9	1.1
Downgradient Wells: MW45-1	-	-	-	-
MW45-2	0.9	-	-	-
MW45-3	0.8	0.8	0.9	0.65
Total Organic Halides				
Upgradient Well: MW45-4	0.02U	0.02U	0.02U	0.02U
Downgradient Wells: MW45-1	-	-	-	-
MW45-2	0.02U	-	-	-
MW45-3	0.02	0.02U	0.02U	0.02U

Table 7

**OB Grounds Fourth Quarter 1995 Monitoring Program
Students t-Test Statistical Analysis Results**

Background Well MW-13									
	TOC	pH	Specific Cond.	TOX					
Mean =	1.2	7.019375	909.5	0.0090625					
Variance =	0.1	0.00425958	704.5	0.00026406					
Sample Size =	16	16	16	16					
TOTAL ORGANIC CARBON (TOC)					Compliance Well MW -14				
Compliance Well MW -12									
-1.03					t*=	-1.61		t*=	
3.08					tc=	3.32		tc=	
No Change		No Change			No Change				
Compliance Well MW -12					Compliance Well MW -14				
3.02					t*=	-10.07		t*=	
5.52					tc=	4.77		tc=	
No Change		Increase			No Change				
SPECIFIC CONDUCTANCE					Compliance Well MW -14				
Compliance Well MW -12									
-5.37					t*=	13.90		t*=	
3.02					tc=	3.30		tc=	
No Change		No Change			Increase				
TOTAL ORGANIC HALIDES (TOX)					Compliance Well MW -14				
Compliance Well MW -12									
-1.00					t*=	-1.00		t*=	
2.60					tc=	2.60		tc=	
No Change		No Change			No Change				

tc Indicates a statistically significant increase in the indicator parameter
 Indicates no statistically significant change in the indicator parameter



Table 7

OD Grounds Fourth Quarter 1995 Monitoring Program
Students t-Test Statistical Analysis Results

Background Well MW 45-4									
		TOC	pH	Spec Cond.	TOX				
Mean =		0.85	7.17583333	875.1	0.005				
Variance =		0.0	0.00462652	14375.9	1.957E-43				
File Size =		12	12	12	12				
ALL ORGANIC CARBON (TOC)									
Compliance Well MW 45-1		Compliance Well MW 45-2		Compliance Well MW 45-3		Background Well MW 45-4			
Dry	0.00	t*=	0.00	t*=	-3.46	t*=	No Change		
	0.00	tc=	0.00	tc=	3.17	tc=			
Compliance Well MW 45-1		Compliance Well MW 45-2		Compliance Well MW 45-3		Background Well MW 45-4			
Dry	0.00	t*=	0.00	t*=	0.12	t*=	No Change		
	0.00	tc=	0.00	tc=	5.50	tc=			
SPECIFIC CONDUCTANCE									
Compliance Well MW 45-1		Compliance Well MW 45-2		Compliance Well MW 45-3		Background Well MW 45-4			
Dry	0.00	t*=	0.00	t*=	11.29	t*=	No Change		
	0.00	tc=	0.00	tc=	3.32	tc=			
Compliance Well MW 45-1		Compliance Well MW 45-2		Compliance Well MW 45-3		Background Well MW 45-4			
Dry	0.00	t*=	0.00	t*=	3.32	t*=	No Change		
	0.00	tc=	0.00	tc=	Increase	tc=			
ALL ORGANIC HALIDES (TOX)									
Compliance Well MW 45-1		Compliance Well MW 45-2		Compliance Well MW 45-3		Background Well MW 45-4			
Dry	0.00	t*=	0.00	t*=	3.32	t*=	Increase		
	0.00	tc=	0.00	tc=	2.72	tc=			

Indicates a statistically significant increase in the indicator parameter
Indicates no statistically significant change in the indicator parameter



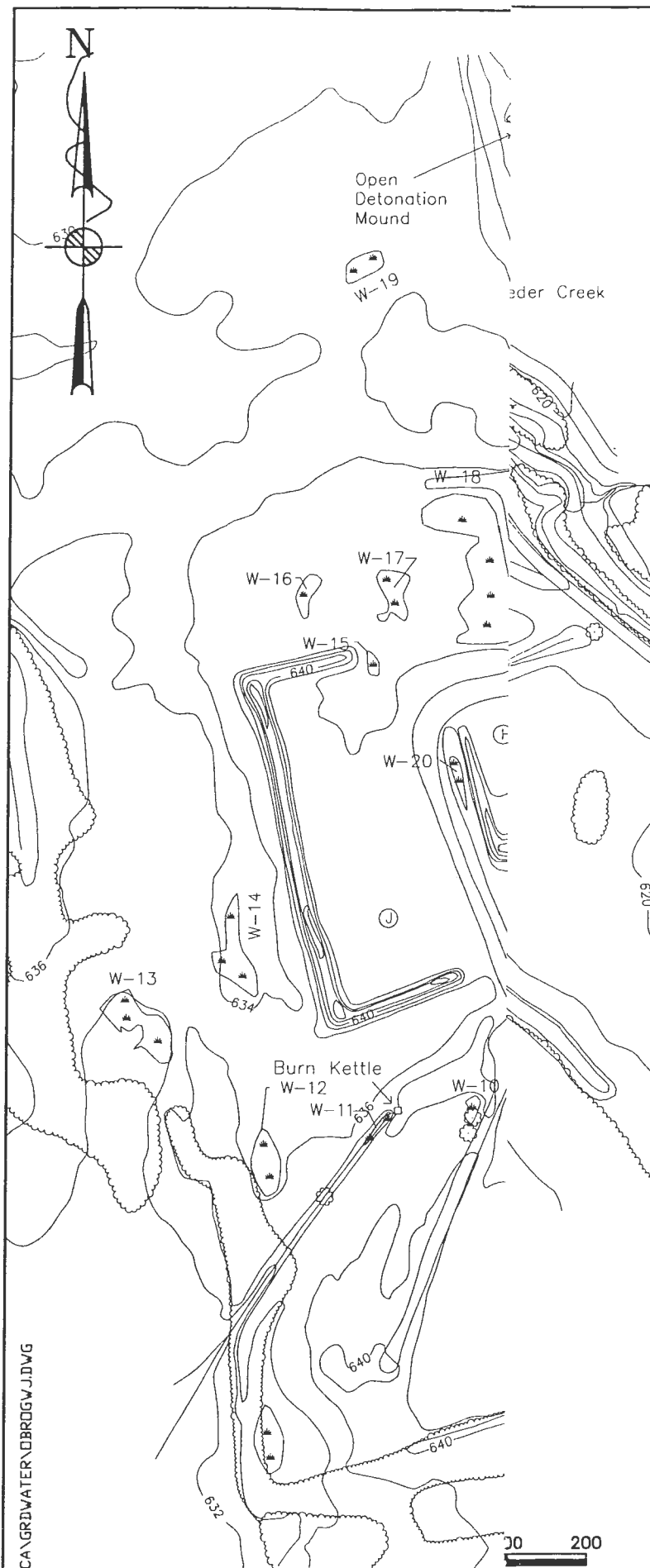
FIGURES

- | | |
|----------|--|
| Figure 1 | OB Grounds Groundwater Elevation Plans |
| Figure 2 | OD Grounds Groundwater Elevation Plans |

1914

1914

1914



LEGEND:



BURNING PAD DESIGNATION



PAD OR GRID BORING



GROUND CONTOUR AND ELEVATION



WETLAND & DESIGNATION



UTILITY POLE



TREE



BRUSH



MW-27
622.26

MONITORING WELL & DESIGNATION
AND MSL ELEVATION DATUM



GROUNDWATER CONTOUR
LINE (INFERRED)
MSL DATUM

ARROW INDICATES PREDOMINANT
GROUNDWATER FLOW DIRECTION



PARSONS

PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE

SENECA ARMY DEPOT ACTIVITY
OB GROUNDS
GROUNDWATER MONITORING PROGRAM

DEPT.

ENVIRONMENTAL ENGINEERING

Dwg. No.

725980-01008

FIGURE 1
GROUNDWATER ELEVATION CONTOUR PLAN
JANUARY 15, 1996

SCALE

1" = 200'

DATE

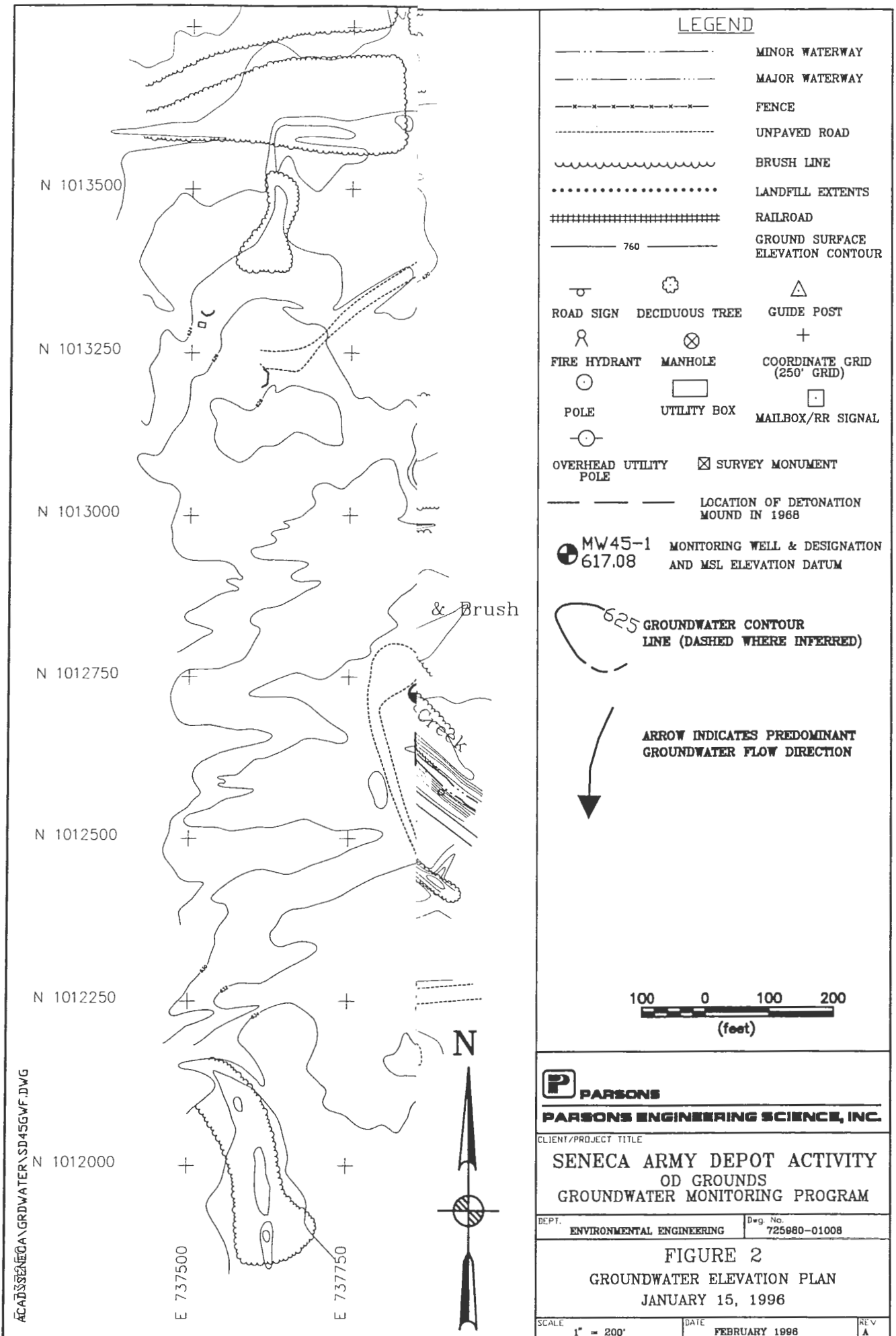
FEBRUARY 1996

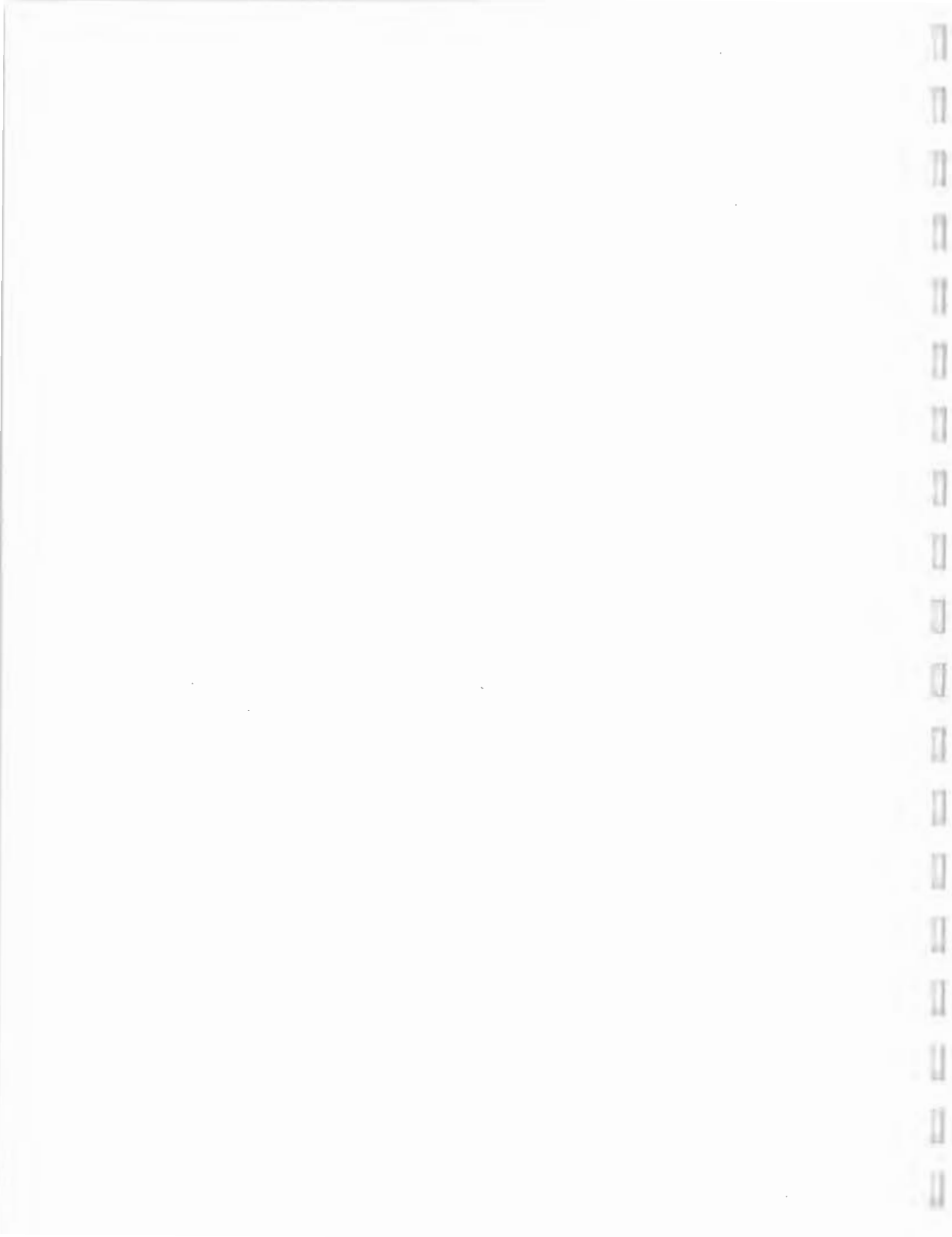
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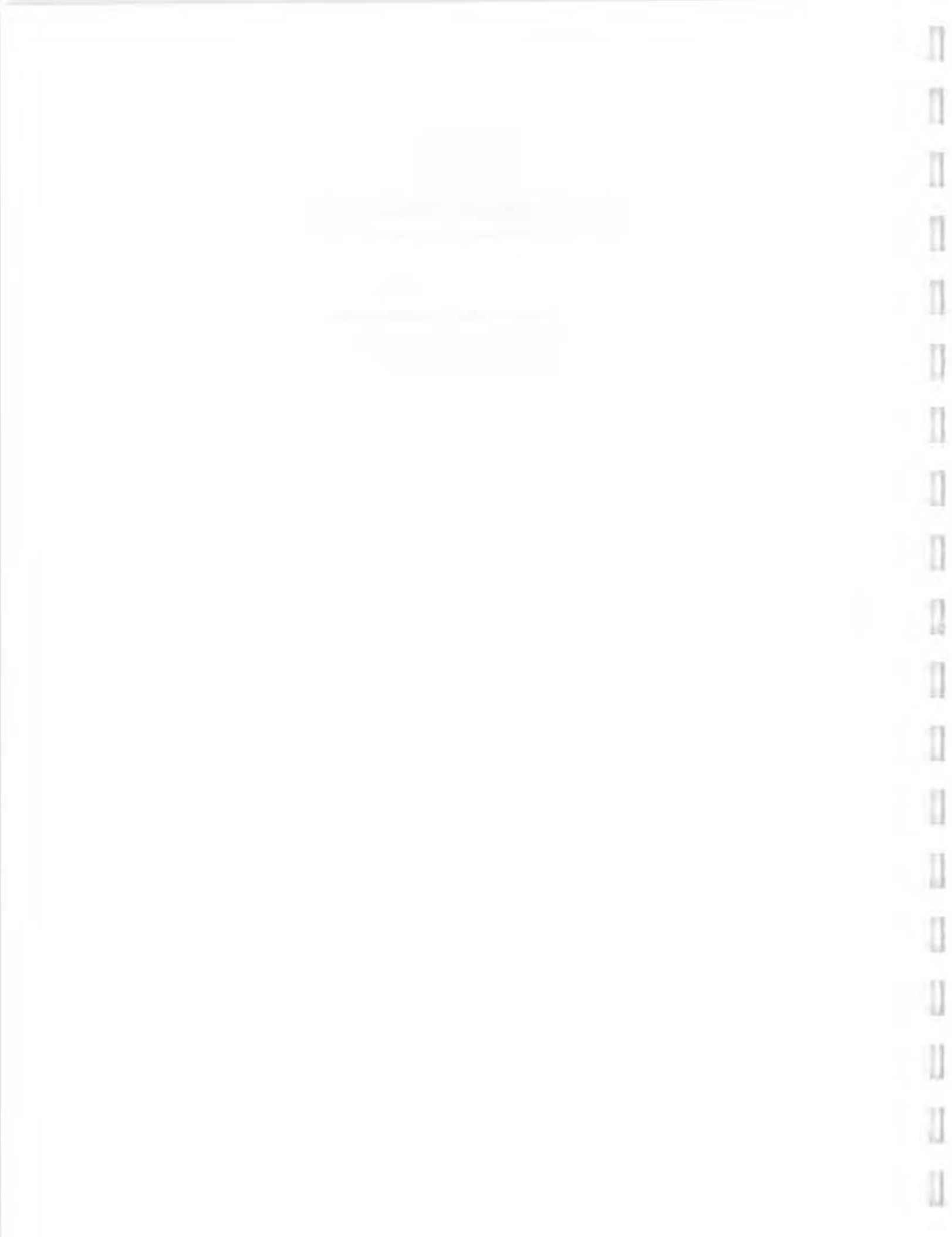


APPENDIX A

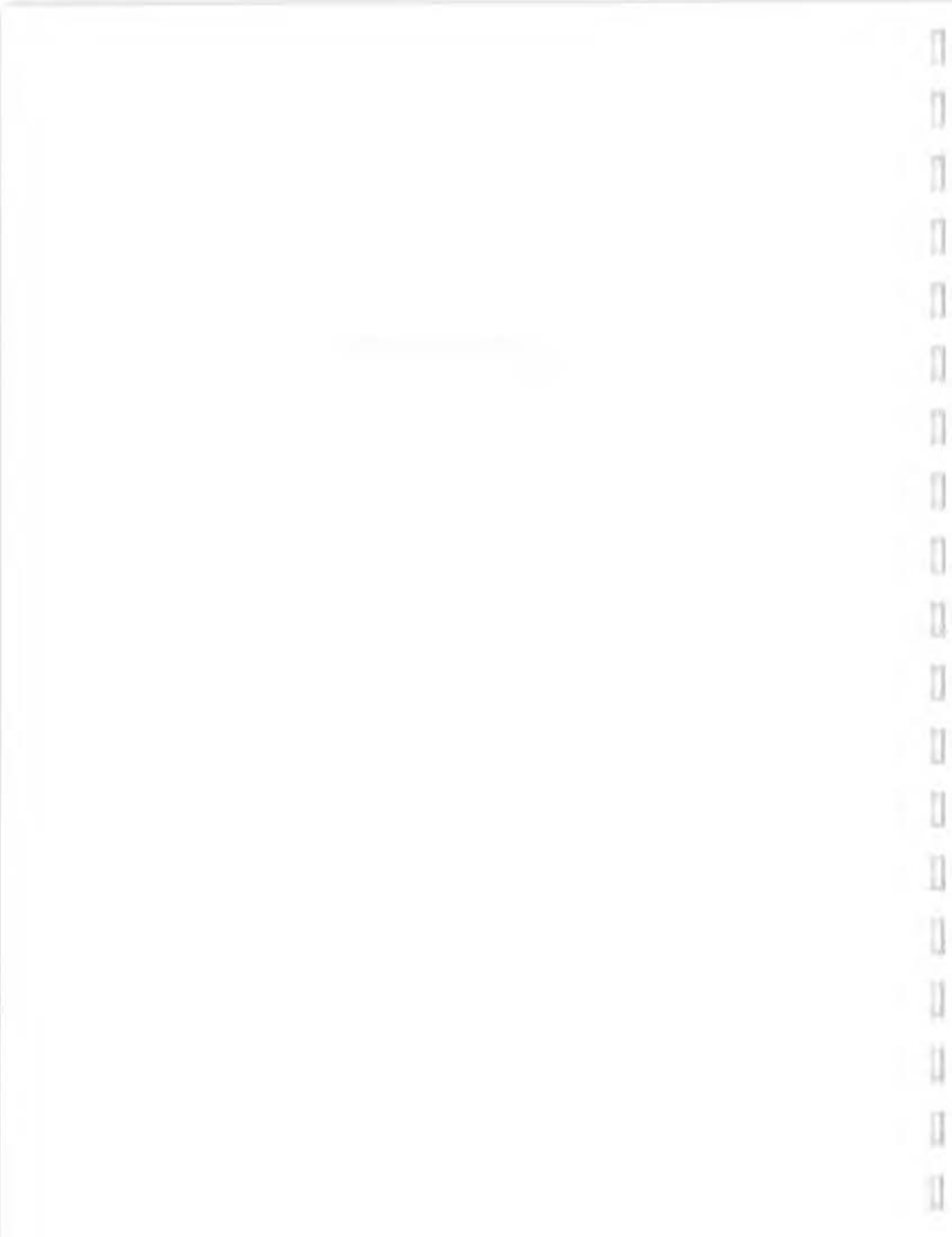
FIELD DATA

OB/OD Fourth Quarter 1995 Groundwater Monitoring Program

- 1. Groundwater Sampling Forms**
- 2. Chain-of-Custody Forms**



1. Groundwater Sampling Forms



1. The first part of the report is a summary of the project.

2. The second part is a detailed description of the methodology.

3. The third part is a discussion of the results.

4. The fourth part is a conclusion.

5. The fifth part is a list of references.

6. The sixth part is an appendix.

7. The seventh part is a glossary.

8. The eighth part is a bibliography.

9. The ninth part is a list of figures.

10. The tenth part is a list of tables.

11. The eleventh part is a list of abbreviations.

12. The twelfth part is a list of acronyms.

13. The thirteenth part is a list of symbols.

14. The fourteenth part is a list of units.

15. The fifteenth part is a list of formulas.

16. The sixteenth part is a list of equations.

17. The seventeenth part is a list of diagrams.

18. The eighteenth part is a list of figures.

19. The nineteenth part is a list of tables.

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21. The twenty-first part is a list of acronyms.

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35. The thirty-fifth part is a list of diagrams.

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41. The forty-first part is a list of units.

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71. The seventy-first part is a list of diagrams.

72. The seventy-second part is a list of figures.

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74. The seventy-fourth part is a list of abbreviations.

75. The seventy-fifth part is a list of acronyms.

76. The seventy-sixth part is a list of symbols.

77. The seventy-seventh part is a list of units.

78. The seventy-eighth part is a list of formulas.

79. The seventy-ninth part is a list of equations.

80. The eightieth part is a list of diagrams.

81. The eighty-first part is a list of figures.

82. The eighty-second part is a list of tables.

83. The eighty-third part is a list of abbreviations.

84. The eighty-fourth part is a list of acronyms.

85. The eighty-fifth part is a list of symbols.

86. The eighty-sixth part is a list of units.

87. The eighty-seventh part is a list of formulas.

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93. The ninety-third part is a list of acronyms.

94. The ninety-fourth part is a list of symbols.

95. The ninety-fifth part is a list of units.

96. The ninety-sixth part is a list of formulas.

97. The ninety-seventh part is a list of equations.

98. The ninety-eighth part is a list of diagrams.

99. The ninety-ninth part is a list of figures.

100. The hundredth part is a list of tables.

101. The hundred-first part is a list of abbreviations.

102. The hundred-second part is a list of acronyms.

103. The hundred-third part is a list of symbols.

104. The hundred-fourth part is a list of units.

105. The hundred-fifth part is a list of formulas.

106. The hundred-sixth part is a list of equations.

107. The hundred-seventh part is a list of diagrams.

108. The hundred-eighth part is a list of figures.

109. The hundred-ninth part is a list of tables.

110. The hundred-tenth part is a list of abbreviations.

111. The hundred-eleventh part is a list of acronyms.

112. The hundred-twelfth part is a list of symbols.

113. The hundred-thirteenth part is a list of units.

114. The hundred-fourteenth part is a list of formulas.

115. The hundred-fifteenth part is a list of equations.

116. The hundred-sixteenth part is a list of diagrams.

117. The hundred-seventeenth part is a list of figures.

118. The hundred-eighteenth part is a list of tables.

119. The hundred-nineteenth part is a list of abbreviations.

120. The hundred-twentieth part is a list of acronyms.

121. The hundred-twenty-first part is a list of symbols.

122. The hundred-twenty-second part is a list of units.

123. The hundred-twenty-third part is a list of formulas.

124. The hundred-twenty-fourth part is a list of equations.

125. The hundred-twenty-fifth part is a list of diagrams.

126. The hundred-twenty-sixth part is a list of figures.

127. The hundred-twenty-seventh part is a list of tables.

128. The hundred-twenty-eighth part is a list of abbreviations.

129. The hundred-twenty-ninth part is a list of acronyms.

130. The hundred-thirtieth part is a list of symbols.

131. The hundred-thirty-first part is a list of units.

132. The hundred-thirty-second part is a list of formulas.

133. The hundred-thirty-third part is a list of equations.

134. The hundred-thirty-fourth part is a list of diagrams.

135. The hundred-thirty-fifth part is a list of figures.

136. The hundred-thirty-sixth part is a list of tables.

137. The hundred-thirty-seventh part is a list of abbreviations.

138. The hundred-thirty-eighth part is a list of acronyms.

139. The hundred-thirty-ninth part is a list of symbols.

140. The hundred-fortieth part is a list of units.

141. The hundred-forty-first part is a list of formulas.

142. The hundred-forty-second part is a list of equations.

143. The hundred-forty-third part is a list of diagrams.

144. The hundred-forty-fourth part is a list of figures.

145. The hundred-forty-fifth part is a list of tables.

146. The hundred-forty-sixth part is a list of abbreviations.

147. The hundred-forty-seventh part is a list of acronyms.

148. The hundred-forty-eighth part is a list of symbols.

149. The hundred-forty-ninth part is a list of units.

150. The hundred-fiftieth part is a list of formulas.

151. The hundred-fifty-first part is a list of equations.

152. The hundred-fifty-second part is a list of diagrams.

153. The hundred-fifty-third part is a list of figures.

154. The hundred-fifty-fourth part is a list of tables.

155. The hundred-fifty-fifth part is a list of abbreviations.

156. The hundred-fifty-sixth part is a list of acronyms.

157. The hundred-fifty-seventh part is a list of symbols.

158. The hundred-fifty-eighth part is a list of units.

159. The hundred-fifty-ninth part is a list of formulas.

160. The hundred-sixtieth part is a list of equations.

161. The hundred-sixty-first part is a list of diagrams.

162. The hundred-sixty-second part is a list of figures.

163. The hundred-sixty-third part is a list of tables.

164. The hundred-sixty-fourth part is a list of abbreviations.

165. The hundred-sixty-fifth part is a list of acronyms.

166. The hundred-sixty-sixth part is a list of symbols.

167. The hundred-sixty-seventh part is a list of units.

168. The hundred-sixty-eighth part is a list of formulas.

169. The hundred-sixty-ninth part is a list of equations.

170. The hundred-seventieth part is a list of diagrams.

171. The hundred-seventy-first part is a list of figures.

172. The hundred-seventy-second part is a list of tables.

173. The hundred-seventy-third part is a list of abbreviations.

174. The hundred-seventy-fourth part is a list of acronyms.

175. The hundred-seventy-fifth part is a list of symbols.

176. The hundred-seventy-sixth part is a list of units.

177. The hundred-seventy-seventh part is a list of formulas.

178. The hundred-seventy-eighth part is a list of equations.

179. The hundred-seventy-ninth part is a list of diagrams.

180. The hundred-eightieth part is a list of figures.

181. The hundred-eighty-first part is a list of tables.

182. The hundred-eighty-second part is a list of abbreviations.

183. The hundred-eighty-third part is a list of acronyms.

184. The hundred-eighty-fourth part is a list of symbols.

185. The hundred-eighty-fifth part is a list of units.

186. The hundred-eighty-sixth part is a list of formulas.

187. The hundred-eighty-seventh part is a list of equations.

188. The hundred-eighty-eighth part is a list of diagrams.

189. The hundred-eighty-ninth part is a list of figures.

190. The hundred-ninetieth part is a list of tables.

191. The hundred-ninety-first part is a list of abbreviations.

192. The hundred-ninety-second part is a list of acronyms.

193. The hundred-ninety-third part is a list of symbols.

194. The hundred-ninety-fourth part is a list of units.

195. The hundred-ninety-fifth part is a list of formulas.

196. The hundred-ninety-sixth part is a list of equations.

197. The hundred-ninety-seventh part is a list of diagrams.

198. The hundred-ninety-eighth part is a list of figures.

199. The hundred-ninety-ninth part is a list of tables.

200. The two hundredth part is a list of abbreviations.

GROUNDWATER ELEVATION REPORT

S ENGINEERING-SCIENCE, INC.		CLIENT:
DATE: 1-16-96		PROJECT NO.:
INSPECTOR:		COMMENTS:

6410D

SOUNDING EQUIPMENT:		TIME	REMARKS	WATER LEVEL INDICATOR:		CORRECTION FACTOR		WELL STATUS / COMMENTS
DETECTORS	BGD			INSTRUMENT	POW	MEASURED	INSTALLED	
		DEPTH TO WATER	PRODUCT	CORRECTED WATER LEVEL	POW	PRODUCT SPEC. GRAV.		
1424	2.38							Removed ~ 1.5' of ice to get water
1540	5.40							
1543	5.59							
1555	3.91							Lock rusted badly. Well located
1559	-							Can't open well; Well casing heaved
1602	-							Lock frozen, rusted
1605	4.30							
1610	-							Pad heaved; Frozen; ice at 2.5'
1612	2.31							Frozen; ice at 2.5'
1618	3.26							Lock rusted
1624	-							Frozen; ice at 2.66'
1626	3.38							Well located next to MW-9. Maybe
1634	6.30							
1640	3.62							No lock.

(ALL DEPTH MEASUREMENTS FROM MARKED LOCATION ON RISER)

1644 — well frozen. Ice at 3.06'

SAMPLING RECORD FOR REPLICATES - GROUNDWATER										
PARSONS ENGINEERING-SCI., INC.			CLIENT: USACOE				DATE: 1-16-96			
PROJECT: QUARTERLY MONITORING			INSPECTOR: A. Willis, B. Harvey				LABORATORY: Aquatec			
LOCATION: OB GROUNDS			CHAIN OF CUSTODY #:							
WELL NUMBER: MW-12			MONITORING: NA							
SCREENED INTERVAL (TOC):			INSTRUMENT: OVM 580S				DETECTOR: PID			
WELL DIAMETER FACTORS										
DIAMETER (INCHES): 1 1.5 2 3 4 5 6 7 8 9 10										
GALLONS/FOOT: 0.041 0.092 0.163 0.367 0.654 1.02 1.47 2.00 2.61 3.30 5.87										
PURGE INFORMATION:										
STATIC DEPTH TO WATER (TOC): 2.38			STANDING WATER VOLUME IN WELL (gallons): 1.10							
WELL DEPTH (TOC): 9.11			THREE WELL VOLUMES (gallons):							
FEET OF WATER IN WELL: 6.73			ONE: 1.10		TWO: 2.20		THREE: 3.30			
PURGING WITH A PERISTALTIC PUMP OR BAILER										
(measure indicator parameters at one, two and three well volumes)										
TIME BEGIN PURGING: 11:05			TIME END PURGING: 11:34							
TIME:			11:24		11:29		11:35			
DEPTH TO WATER (ft)			3.04		3.04		3.02			
DEPTH TO BOTTOM			9.11		8.10		8.10			
OPENING OF										
TEFLON TUBE (TOC)										
FLOW RATE (ml/min.)			1L/min		1L/min		1L/min			
or										
VOL. OF BAILER (gal.)										
VOLUME OF WATER REMOVED (gals)			1.10		1.25		1.10			
TEMPERATURE (deg. C)			4.5		4.8		5.0			
SPEC. COND (umhos)			500		500		500			
PH			7.31		7.35		7.34			
DEPTH TO WATER MEASUREMENTS AFTER PURGING										
DATE			1-16-96							
TIME			1140							
DEPTH TO WATER (ft)			2.50							
"AFTER PURGE"										
WATER COLUMN (ft)			6.61							
"STATIC"										
WATER COLUMN (ft)			6.73							
% RECOVERY			98%							
Notes:										
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.										
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.										

Historic

5.65

1L-870ml/min

3 vol - 18

800

7.30

7 min.

Page 2 of 2

SAMPLING RECORD FOR REPLICATES - GROUNDWATER										
PARSONS ENGINEERING-SCL, INC.			CLIENT: USACOE				DATE: 1-16-96			
PROJECT: QUARTERLY MONITORING						INSPECTOR: A. Willis, B. Harvey				
LOCATION: OB GROUNDS						LABORATORY: AQUATEC				
WELL NUMBER: MW-13						CHAIN OF CUSTODY #:				
SCREENED INTERVAL (TOC):						MONITORING: NA				
WELL DIAMETER FACTORS						INSTRUMENT: OUM 580S		DETECTOR: PID		
DIAMETER (INCHES):						GALLONS/FOOT:				
1 1.5 2.0 3 4 5 6 7 8 9 10						0.041 0.092 0.163 0.367 0.654 1.02 1.47 2.00 2.61 3.30 5.87				
PURGE INFORMATION:										
STATIC DEPTH TO WATER (TOC): 2.38						STANDING WATER VOLUME IN WELL (gallons): 1.26				
WELL DEPTH (TOC): 10.14						THREE WELL VOLUMES (gallons):				
FEET OF WATER IN WELL: 7.76						ONE: 2.52		THREE: 3.8		
PURGING WITH A PERISTALTIC PUMP OR BAILER										
(measure indicator parameters at one, two and three well volumes)										
TIME BEGIN PURGING: 1428			TIME END PURGING: 1451							
TIME:			1433	1442	1450					
DEPTH TO WATER (ft)			3.26	3.26	3.24					
DEPTH TO BOTTOM OPENING OF TEFLOX TUBE (TOC)			10.14	8.76	7.64					
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)			870 ml/min	870 ml/min	870 ml/min					
VOLUME OF WATER REMOVED (gals)			1.3	1.3	1.3					
TEMPERATURE (deg. C)			5	4.5	4.5					
SPEC. COND (umhos)			600	550	550					
PH			7.10	7.03	7.02					
DEPTH TO WATER MEASUREMENTS AFTER PURGING										
DATE			1-16-96							
TIME			1455							
DEPTH TO WATER (ft)			2.53							
"AFTER PURGE" WATER COLUMN (ft)			7.61							
"STATIC" WATER COLUMN (ft)			7.76							
% RECOVERY			98%							
Notes:										
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point. (2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.										

Historic

6.47

660ml - 870ml/min

2 vol.

18

750

7.03

5 min.

SAMPLING DEVICE:		SAMPLING INFORMATION		
bailer		MW-13	1-16-96	
SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
Metals	1500	HNO ₃	clear	7.42
CN		NH₄OH		
TOX		H ₂ SO ₄		
TOC		H ₂ SO ₄		
Spec. Cond & pH		—		
REPLICATE SAMPLES:				
REPLICATE SAMPLE COLLECTED: YES or NO				
Replicate Sample Names: Rep. 1 Rep. 2 Rep. 3 Rep. 4				
MW-13a MW-13b MW-13c MW-13d				
QA/QC:				
QA/QC SAMPLE COLLECTED: YES or NO				
MRD SAMPLE NAME:				
QA/QC RINSATE SAMPLE NAME:				
MATRIX SPIKE SAMPLE COLLECTED: YES or NO				
INVESTIGATION DERIVED WASTE (IDW):				
Date:				
Volume Transferred to Drum:				
Drum Number:				
COMMENTS:				

SAMPLING RECORD FOR REPLICATES - GROUNDWATER											
PARSONS ENGINEERING-SCI., INC.			CLIENT: USACOE			DATE: 1-15-96					
PROJECT: QUARTERLY MONITORING			INSPECTOR: B. Harvey, A. Willis			LABORATORY: AQUATEC					
LOCATION: OB GROUNDS			CHAIN OF CUSTODY #:			MONITORING NA					
WELL NUMBER: MW-14			INSTRUMENT			DETECTOR					
SCREENED INTERVAL (TOC):			OUM 5805			PID					
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 3.68					STANDING WATER VOLUME IN WELL (gallons): 1.18						
WELL DEPTH (TOC): 10.58					THREE WELL VOLUMES (gallons):						
FEET OF WATER IN WELL: 6.90					ONE: 1.12 TWO: 2.25 THREE: 3.37						
PURGING WITH A PERISTALTIC PUMP OR BAILER											
(measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 1657					TIME END PURGING: 1722						
TIME:	1704	1713	1721								
DEPTH TO WATER (ft)	5.22	5.52	5.59								
DEPTH TO BOTTOM OPENING OF TEFロン TUBE (TOC)	10.58	8.58	7.58								
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)	660	660	660								
VOLUME OF WATER REMOVED (gals)	1.4	1.4	1.4								
TEMPERATURE (deg. C)	7	8	5								
SPEC. COND (umhos)	600	600	600								
PH	7.22	7.16	7.16								
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	1-15-96										
TIME	1730										
DEPTH TO WATER (ft)	4.02										
"AFTER PURGE" WATER COLUMN (ft)	6.56										
"STATIC" WATER COLUMN (ft)	6.90										
% RECOVERY	95%										
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

SAMPLING INFORMATION				
SAMPLING DEVICE:	MW-14 1-15-96			
SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
Metals	1740	1L plastic HNO ₃	clear	NA
CN	↓	1L plastic HNO ₃	↓	
TOX	↓	250mL H ₂ SO ₄	↓	
TOC	↓	2x 40 mL H ₂ SO ₄	↓	
* Specific Cond & pH	↓	1L plastic	↓	

REPLICATE SAMPLES:

REPLICATE SAMPLE COLLECTED: ☒ YES or NO

Replicate Sample Names: Rep. 1 Rep. 2 Rep. 3 Rep. 4

MW-14a	MW-14b	MW-14c	MW-14d
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QA/QC:

QA/QC SAMPLE COLLECTED: ☒ YES or NO dup MW-114 (Met, CN)

MRD SAMPLE NAME: MW-14MRD

QA/QC RINSATE SAMPLE NAME: MW-14R, MW-14MRD-R

MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO

INVESTIGATION DERIVED WASTE (IDW):

Date: _____

Volume Transferred to Drum: _____

Drum Number: _____

NA			

COMMENTS:

* Replicates of these analyses only.

Metals, CN have SAMP ID of MW-14

SAMPLING RECORD FOR REPLICATES - GROUNDWATER											
PARSONS ENGINEERING-SCI., INC.		CLIENT: USACOE				DATE: 1-15-96					
PROJECT: QUARTERLY MONITORING		INSPECTOR: B. Harvey, A. Willis				LABORATORY: AQUATEC					
LOCATION: OB GROUNDS		CHAIN OF CUSTODY #:				MONITORING NA NA					
WELL NUMBER: MW-27		INSTRUMENT: OUM 5805				DETECTOR: PID					
SCREENED INTERVAL (TOC):											
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.20	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 3.68		STANDING WATER VOLUME IN WELL (gallons): 1.92									
WELL DEPTH (TOC): 15.46		THREE WELL VOLUMES (gallons):									
FEET OF WATER IN WELL: 11.78		ONE: 1.92 TWO: 3.84 THREE: 5.76									
PURGING WITH A PERISTALTIC PUMP OR BAILER											
(measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 1600		TIME END PURGING: 1628									
TIME:	1612	1620	1627								
DEPTH TO WATER (ft)	4.60	5.23	5.20								
DEPTH TO BOTTOM OF OPENING OF TEFLON TUBE (TOC)	15.46	11.46	11.46								
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)	660 ml/min	14/min	14/min								
VOLUME OF WATER REMOVED (gals)	1.92	2.00	2.0								
TEMPERATURE (deg. C)	7	7	7.5								
SPEC. COND (umhos)	600	600	600								
PH	7.24	7.28	7.25								
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	1-15-96										
TIME	1646										
DEPTH TO WATER (ft)	4.16										
"AFTER PURGE" WATER COLUMN (ft)	11.36										
"STATIC" WATER COLUMN (ft)	11.78										
% RECOVERY	96%										
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

SAMPLING INFORMATION				
SAMPLING DEVICE: <i>bailer</i>	MW-27	1-15-96		
SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
<i>Metals</i>	<i>11:45</i>	<i>1L plastic HNO₃</i>	<i>clear</i>	<i>NA</i>
<i>CN</i>		<i>1L plastic NaOH</i>		
<i>TOX</i>		<i>250ml H₂SO₄</i>		
<i>TOC</i>		<i>2x 40ml H₂SO₄</i>		
<i>Spec. Cond., PH</i>		<i>1L plastic</i>	<i>↓</i>	

MW27 [*Replicates*]

REPLICATE SAMPLES:

REPLICATE SAMPLE COLLECTED: ☒ YES or ☐ NO

Replicate Sample Names: Rep. 1 Rep. 2 Rep. 3 Rep. 4

<i>MW-27a</i>	<i>MW-27b</i>	<i>MW-27c</i>	<i>MW-27d</i>
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QA/QC:

QA/QC SAMPLE COLLECTED: YES or ☒ NO

MRD SAMPLE NAME:

QA/QC RINSE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO

INVESTIGATION DERIVED WASTE (IDW):

Date:	<i>NA</i>			
Volume Transferred to Drum:				
Drum Number:				

COMMENTS:

SAMPLING RECORD FOR REPLICATES - GROUNDWATER																																		
PARSONS ENGINEERING-SCI., INC.			CLIENT: USACOE				DATE: 1-15-96																											
PROJECT: QUARTERLY MONITORING			INSPECTOR: B. Harvey, A. Willis																															
LOCATION: OB GROUNDS			LABORATORY: NA				CHAIN OF CUSTODY #:																											
WELL NUMBER: MW45-1			MONITORING NA																															
SCREENED INTERVAL (TOC):			INSTRUMENT				DETECTOR																											
WELL DIAMETER FACTORS																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">DIAMETER (INCHES):</td> <td style="width: 10%;">1</td> <td style="width: 10%;">1.5</td> <td style="width: 10%; text-align: center;">2</td> <td style="width: 10%;">3</td> <td style="width: 10%;">4</td> <td style="width: 10%;">5</td> <td style="width: 10%;">6</td> <td style="width: 10%;">7</td> <td style="width: 10%;">8</td> <td style="width: 10%;">9</td> <td style="width: 10%;">10</td> </tr> <tr> <td>GALLONS/FOOT:</td> <td>0.041</td> <td>0.092</td> <td style="text-align: center;">0.163</td> <td>0.367</td> <td>0.654</td> <td>1.02</td> <td>1.47</td> <td>2.00</td> <td>2.61</td> <td>3.30</td> <td>5.87</td> </tr> </table>											DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10	GALLONS/FOOT:	0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10																							
GALLONS/FOOT:	0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87																							
PURGE INFORMATION:																																		
STATIC DEPTH TO WATER (TOC): 8.00			STANDING WATER VOLUME IN WELL (gallons):																															
WELL DEPTH (TOC): 8.63			THREE WELL VOLUMES (gallons):																															
FEET OF WATER IN WELL: 0.63'			ONE:		TWO:		THREE:																											
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)																																		
TIME BEGIN PURGING:			TIME END PURGING:																															
TIME:																																		
DEPTH TO WATER (ft)																																		
DEPTH TO BOTTOM																																		
OPENING OF																																		
TEFLON TUBE (TOC)																																		
FLOW RATE (ml/min.)																																		
or																																		
VOL. OF BAILER (gal.)																																		
VOLUME OF WATER																																		
REMOVED (gals)																																		
TEMPERATURE (deg. C)																																		
SPEC. COND (umhos)																																		
PH																																		
DEPTH TO WATER MEASUREMENTS AFTER PURGING																																		
DATE			NA																															
TIME																																		
DEPTH TO WATER (ft)																																		
"AFTER PURGE"																																		
WATER COLUMN (ft)																																		
"STATIC"																																		
WATER COLUMN (ft)																																		
% RECOVERY																																		
Notes: (1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point. (2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.																																		

SAMPLING DEVICE:

NA

[illegible]

REPLICATE SAMPLE COLLECTED: YES or NO

Replicate Sample Names:

Rep. 1

Rep. 2

Rep. 3

Rep. 4

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QA/QC SAMPLE COLLECTED: YES or NO

MRD SAMPLE NAME:

QA\QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date: _____

Volume Transferred to Drum:

Drum Number:

COMMENTS:

Weil is dry.

SAMPLING RECORD FOR REPLICATES - GROUNDWATER																																	
PARSONS ENGINEERING-SCI., INC.			CLIENT: USACOE				DATE: 1-15-96																										
PROJECT: QUARTERLY MONITORING			INSPECTOR: B. Harvey, A. Willis																														
LOCATION: OB GROUNDS			LABORATORY: NA																														
WELL NUMBER: MW45-2			CHAIN OF CUSTODY #: NA																														
SCREENED INTERVAL (TOC):			MONITORING NA																														
WELL DIAMETER FACTORS			INSTRUMENT																														
			DETECTOR																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">DIAMETER (INCHES):</th> <th style="width: 5%;">1</th> <th style="width: 5%;">1.5</th> <th style="width: 5%;">2</th> <th style="width: 5%;">3</th> <th style="width: 5%;">4</th> <th style="width: 5%;">5</th> <th style="width: 5%;">6</th> <th style="width: 5%;">7</th> <th style="width: 5%;">8</th> <th style="width: 5%;">9</th> <th style="width: 5%;">10</th> </tr> </thead> <tbody> <tr> <td>GALLONS/FOOT:</td> <td>0.041</td> <td>0.092</td> <td>0.163</td> <td>0.367</td> <td>0.654</td> <td>1.02</td> <td>1.47</td> <td>2.00</td> <td>2.61</td> <td>3.30</td> <td>5.87</td> </tr> </tbody> </table>										DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10	GALLONS/FOOT:	0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10																						
GALLONS/FOOT:	0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87																						
PURGE INFORMATION:																																	
STATIC DEPTH TO WATER (TOC): 11.98					STANDING WATER VOLUME IN WELL (gallons): NA																												
WELL DEPTH (TOC): 12.43					THREE WELL VOLUMES (gallons):																												
FEET OF WATER IN WELL: 0.44					ONE: TWO: THREE:																												
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)																																	
TIME BEGIN PURGING:					TIME END PURGING:																												
TIME:																																	
DEPTH TO WATER (ft)																																	
DEPTH TO BOTTOM																																	
OPENING OF																																	
TEFLON TUBE (TOC)																																	
FLOW RATE (ml/min.)																																	
or																																	
VOL. OF BAILER (gal.)																																	
VOLUME OF WATER																																	
REMOVED (gals)																																	
TEMPERATURE (deg. C)																																	
SPEC. COND (umhos)																																	
PH																																	
DEPTH TO WATER MEASUREMENTS AFTER PURGING																																	
DATE		NA																															
TIME																																	
DEPTH TO WATER (ft)																																	
"AFTER PURGE"																																	
WATER COLUMN (ft)																																	
"STATIC"																																	
WATER COLUMN (ft)																																	
% RECOVERY																																	
Notes:																																	
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point. (2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.																																	

SAMPLING INFORMATION

SAMPLING DEVICE:

NA

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)

REPLICATE SAMPLES:

REPLICATE SAMPLE COLLECTED: YES or NO

Replicate Sample Names:

Rep. 1

Rep. 2

Rep. 3

Rep. 4

--	--	--	--

QA/QC:

QA/QC SAMPLE COLLECTED: YES or NO

MRD SAMPLE NAME:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date:	NA			
Volume Transferred to Drum:				
Drum Number:				

COMMENTS:

Well is dry.

SAMPLING RECORD FOR REPLICATES - GROUNDWATER												
PARSONS ENGINEERING-SCI., INC.		CLIENT: USACOE				DATE: 1-15-96						
PROJECT: QUARTERLY MONITORING		INSPECTOR: B. Harvey, A. Willis				LABORATORY: AQUATEC						
LOCATION: OB GROUNDS		CHAIN OF CUSTODY #:										
WELL NUMBER: MW45-3		MONITORING ☒										
SCREENED INTERVAL (TOC):		INSTRUMENT: CVM 580S				DETECTOR: PID						
WELL DIAMETER FACTORS												
DIAMETER (INCHES):		1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:		0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:												
STATIC DEPTH TO WATER (TOC): 9.24		STANDING WATER VOLUME IN WELL (gallons): 0.79										
WELL DEPTH (TOC): 14.09		THREE WELL VOLUMES (gallons):										
FEET OF WATER IN WELL: 4.85		ONE:		TWO: 1.58		THREE: 2.37						
PURGING WITH A PERISTALTIC PUMP OR BAILER												
(measure indicator parameters at one, two and three well volumes)												
TIME BEGIN PURGING: 1003		TIME END PURGING: 1057										
TIME:		1015	1025	1036								
DEPTH TO WATER (ft)		12.12	11.00	11.92								
DEPTH TO BOTTOM OPENING OF TEFロン TUBE (TOC)		14.09	12.09	12.09								
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)		418	418	418								
VOLUME OF WATER REMOVED (gals)		0.8	0.8	0.8								
TEMPERATURE (deg. C)		5	5	6								
SPEC. COND (umhos)		750	850 (aw)	850								
PH		7.02	7.19	7.15								
DEPTH TO WATER MEASUREMENTS AFTER PURGING												
DATE	1-15-96	1-15-96	1-16-96	1-17-96								
TIME	1059	1320	0943	0720								
DEPTH TO WATER (ft)	11.72	11.52	11.08	12.46								
"AFTER PURGE" WATER COLUMN (ft)	2.37	2.487	3.01									
"STATIC" WATER COLUMN (ft)	4.85	4.85	4.85	4.85								
% RECOVERY	49%	51%	62%									
Notes:												
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.												
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.												

Historic

11.30

380-100
ml/min

2 1/4 vol.

16

1200

6.47

SAMPLING RECORD FOR REPLICATES - GROUNDWATER											
PARSONS ENGINEERING-SCL, INC.			CLIENT: USACOE				DATE: 1-15-96				
PROJECT: QUARTERLY MONITORING			INSPECTOR: B. Harvey, A. Willis								
LOCATION: OB GROUNDS			LABORATORY: AQUATEC								
WELL NUMBER: MW45-4			MONITORING: NA								
SCREENED INTERVAL (TOC):			INSTRUMENT: CVM 535				DETECTOR: 11D				
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.163	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 7.02			STANDING WATER VOLUME IN WELL (gallons): 0.40								
WELL DEPTH (TOC): 9.75			THREE WELL VOLUMES (gallons): 1.72								
FEET OF WATER IN WELL: 2.47			ONE: 0.40		TWO: 0.80		THREE: 1.40				
PURGING WITH A PERISTALTIC PUMP OR BAILER											
(measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 1402			TIME END PURGING: 1414 1418								
TIME:	1406	1410	1413	1417							
DEPTH TO WATER (ft)	7.62	7.60	7.62	7.60							
DEPTH TO BOTTOM											
OPENING OF											
TEFLON TUBE (TOC)	9.75	8.75	8.75	8.75							
FLOW RATE (ml/min.)											
or											
VOL. OF BAILER (gal.)	1L/min	14/min	14/min	14/min							
VOLUME OF WATER											
REMOVED (gals)	0.40	0.40	0.50	0.5							
TEMPERATURE (deg. C)	4.2	5	5.5	5							
SPEC. COND (umhos)	600	600	600	600							
PH	7.26	7.16	7.13	7.13							
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	1-15-96										
TIME	1425										
DEPTH TO WATER (ft)	7.28										
"AFTER PURGE"											
WATER COLUMN (ft)	2.47										
"STATIC"											
WATER COLUMN (ft)	2.47										
% RECOVERY	100%										
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

static: dry well.

SAMPLING INFORMATION				
SAMPLING DEVICE: <i>brailer MW 45-4 1-15-96</i>				
SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
<i>Metals</i>	<i>1435</i>	<i>1L plastic HNO3</i>	<i>clear</i>	<i>9.50</i>
<i>CN</i>	<i>↓</i>	<i>1L plastic NaOH</i>	<i>↓</i>	
<i>* TOX</i>	<i>↓</i>	<i>250 mL H2SO4</i>	<i>↓</i>	
<i>* TDC</i>	<i>↓</i>	<i>2x 40 mL H2SO4</i>	<i>↓</i>	
<i>* Spec. Cond & pH</i>	<i>↓</i>	<i>1L plastic ↓</i>		

REPLICATE SAMPLES:

REPLICATE SAMPLE COLLECTED: ☒ YES or ☐ NO

Replicate Sample Names: Rep. 1 Rep. 2 Rep. 3 Rep. 4

<i>MW45-4a</i>	<i>MW45-4b</i>	<i>MW45-4c</i>	<i>MW45-4d</i>
----------------	----------------	----------------	----------------

QA/QC:

QA/QC SAMPLE COLLECTED: YES or ☒ NO

MRD SAMPLE NAME:

QA/QC RINSE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO

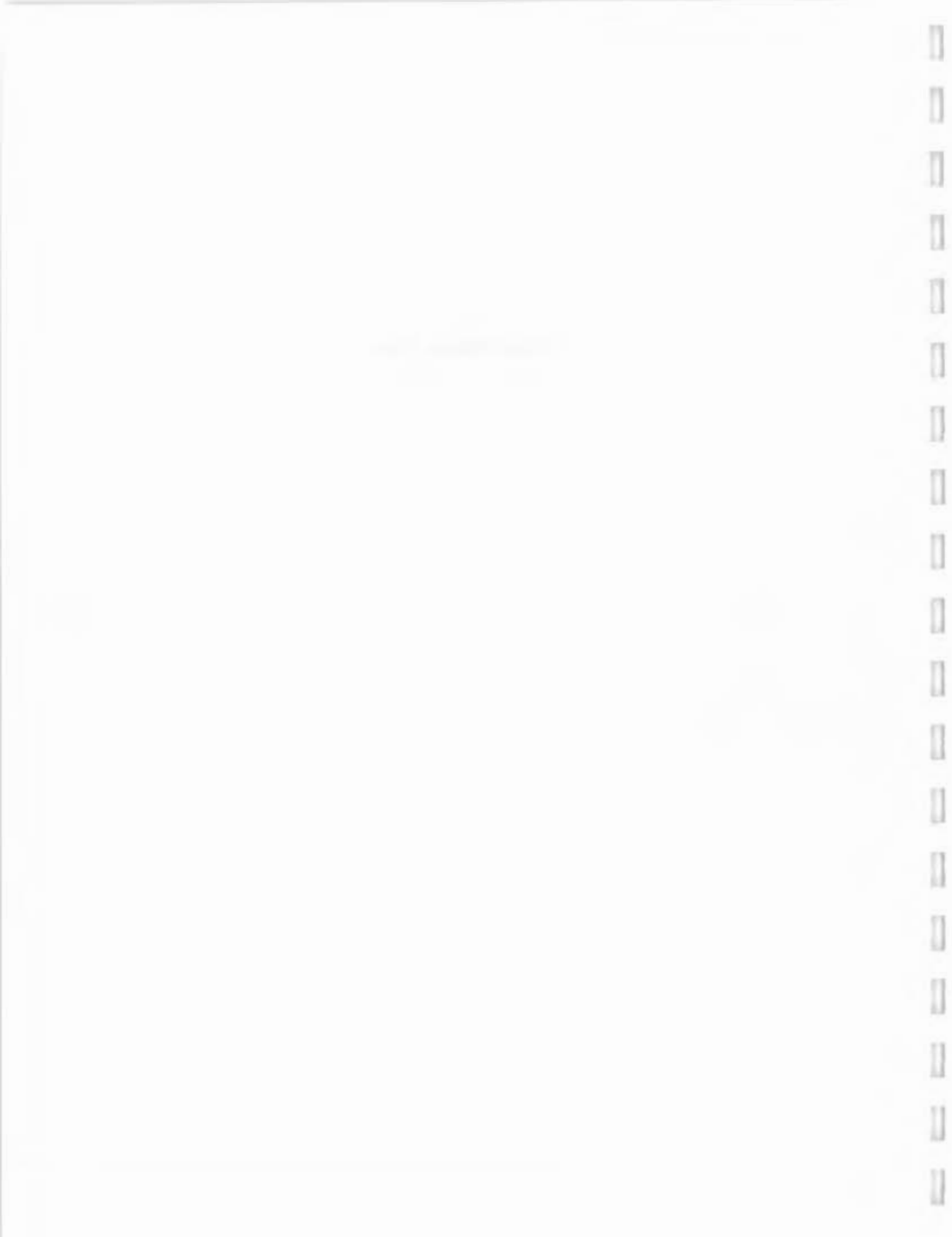
INVESTIGATION DERIVED WASTE (IDW):

Date:	<i>NA</i>			
Volume Transferred to Drum:				
Drum Number:				

COMMENTS:

** Replicates taken of these analyses only.
Sample ID for Met., CN, is MW45-4.*

2. Chain-of-Custody Forms



PERSONS
ERING-SCIENCE, INC.

Phone: 617-859-2000
 Fax: 617-859-2043

CHAIN-OF-CUSTODY RECORD

PAGE | OF

JOB NO. 725980-01008
 PROJECT SEDA - Quarterly
 CONTACT M. Duchoz

LABORATORY AQUATEC
 ADDRESS 55 So. Park Dr. Co
 CONTACT Polly Malik

LABORATORY SAMPLE NO.	SAMPLING		SAMPLE DEPTH	SAMPLE MATRIX	ANALYSES						NO. OF CONTAINERS	COMMENT (Special instructions, etc.)		
	DATE	TIME			VOA	SVOC	METALS	PEST/PCB	CZ	HERB			TPH	TOC
27	1-15-96	1645	—	water			1					2		
27a	1-15-96	1645	—	/								4		
27b	1-15-96	1645	—										4	
27c	1-15-96	1645	—										4	
27d	1-15-96	1645	—										4	
5-3	1-16-96	1000	—		1		1						2	
5-3a	1-16-96	1000	—									2		
5-3b	1-16-96	1000	—									2		
5-3c	1-16-96	1000	—									2		
5-3d	1-16-96	1000	—									2		
5-3a	1-17-96	0740	✓									2		
5-3b	1-17-96	0740	—	VOA Vial								2		
Received by Sign _____ Print _____ Firm _____ Date _____				Glass Bottle									REMARKS: (Sample nonstandard sample) OB/OD	
				Plastic Bottle										
				Preservative										
				Container Volume										
Received by Sign _____ Print _____ Firm _____ Date _____														

PRESERVATION KEY: C - Acidified with HCl F - NaOH + Ascorbic
 A - Ice D - Acidified with HNO₃ G - Other
 B - Filtered E - Acidified with H₂SO₄

Cooler #: 752

100

Date		Description		Amount	
10/1/20	10/1/20	10/1/20	10/1/20	10/1/20	10/1/20
10/2/20	10/2/20	10/2/20	10/2/20	10/2/20	10/2/20
10/3/20	10/3/20	10/3/20	10/3/20	10/3/20	10/3/20
10/4/20	10/4/20	10/4/20	10/4/20	10/4/20	10/4/20
10/5/20	10/5/20	10/5/20	10/5/20	10/5/20	10/5/20
10/6/20	10/6/20	10/6/20	10/6/20	10/6/20	10/6/20
10/7/20	10/7/20	10/7/20	10/7/20	10/7/20	10/7/20
10/8/20	10/8/20	10/8/20	10/8/20	10/8/20	10/8/20
10/9/20	10/9/20	10/9/20	10/9/20	10/9/20	10/9/20
10/10/20	10/10/20	10/10/20	10/10/20	10/10/20	10/10/20
10/11/20	10/11/20	10/11/20	10/11/20	10/11/20	10/11/20
10/12/20	10/12/20	10/12/20	10/12/20	10/12/20	10/12/20
10/13/20	10/13/20	10/13/20	10/13/20	10/13/20	10/13/20
10/14/20	10/14/20	10/14/20	10/14/20	10/14/20	10/14/20
10/15/20	10/15/20	10/15/20	10/15/20	10/15/20	10/15/20
10/16/20	10/16/20	10/16/20	10/16/20	10/16/20	10/16/20
10/17/20	10/17/20	10/17/20	10/17/20	10/17/20	10/17/20
10/18/20	10/18/20	10/18/20	10/18/20	10/18/20	10/18/20
10/19/20	10/19/20	10/19/20	10/19/20	10/19/20	10/19/20
10/20/20	10/20/20	10/20/20	10/20/20	10/20/20	10/20/20
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10/24/20	10/24/20	10/24/20	10/24/20	10/24/20	10/24/20
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10/26/20	10/26/20	10/26/20	10/26/20	10/26/20	10/26/20
10/27/20	10/27/20	10/27/20	10/27/20	10/27/20	10/27/20
10/28/20	10/28/20	10/28/20	10/28/20	10/28/20	10/28/20
10/29/20	10/29/20	10/29/20	10/29/20	10/29/20	10/29/20
10/30/20	10/30/20	10/30/20	10/30/20	10/30/20	10/30/20
10/31/20	10/31/20	10/31/20	10/31/20	10/31/20	10/31/20

GRAND TOTAL

Date		Page No.		Topic	
10/10/2023		10		Introduction to Chemistry	
10/10/2023		11		Atomic Structure	
10/10/2023		12		Periodic Table	
10/10/2023		13		Chemical Bonding	
10/10/2023		14		Molecular Structure	
10/10/2023		15		Thermodynamics	
10/10/2023		16		Equilibrium	
10/10/2023		17		Redox Reactions	
10/10/2023		18		Electrochemistry	
10/10/2023		19		Chemical Kinetics	
10/10/2023		20		Environmental Chemistry	
10/10/2023		21		Organic Chemistry	
10/10/2023		22		Inorganic Chemistry	
10/10/2023		23		Coordination Chemistry	
10/10/2023		24		Solid State Chemistry	
10/10/2023		25		Nuclear Chemistry	
10/10/2023		26		Biochemistry	
10/10/2023		27		Polymer Chemistry	
10/10/2023		28		Environmental Chemistry	
10/10/2023		29		Organic Chemistry	
10/10/2023		30		Inorganic Chemistry	
10/10/2023		31		Coordination Chemistry	
10/10/2023		32		Solid State Chemistry	
10/10/2023		33		Nuclear Chemistry	
10/10/2023		34		Biochemistry	
10/10/2023		35		Polymer Chemistry	
10/10/2023		36		Environmental Chemistry	
10/10/2023		37		Organic Chemistry	
10/10/2023		38		Inorganic Chemistry	
10/10/2023		39		Coordination Chemistry	
10/10/2023		40		Solid State Chemistry	
10/10/2023		41		Nuclear Chemistry	
10/10/2023		42		Biochemistry	
10/10/2023		43		Polymer Chemistry	
10/10/2023		44		Environmental Chemistry	
10/10/2023		45		Organic Chemistry	
10/10/2023		46		Inorganic Chemistry	
10/10/2023		47		Coordination Chemistry	
10/10/2023		48		Solid State Chemistry	
10/10/2023		49		Nuclear Chemistry	
10/10/2023		50		Biochemistry	
10/10/2023		51		Polymer Chemistry	
10/10/2023		52		Environmental Chemistry	
10/10/2023		53		Organic Chemistry	
10/10/2023		54		Inorganic Chemistry	
10/10/2023		55		Coordination Chemistry	
10/10/2023		56		Solid State Chemistry	
10/10/2023		57		Nuclear Chemistry	
10/10/2023		58		Biochemistry	
10/10/2023		59		Polymer Chemistry	
10/10/2023		60		Environmental Chemistry	
10/10/2023		61		Organic Chemistry	
10/10/2023		62		Inorganic Chemistry	
10/10/2023		63		Coordination Chemistry	
10/10/2023		64		Solid State Chemistry	
10/10/2023		65		Nuclear Chemistry	
10/10/2023		66		Biochemistry	
10/10/2023		67		Polymer Chemistry	
10/10/2023		68		Environmental Chemistry	
10/10/2023		69		Organic Chemistry	
10/10/2023		70		Inorganic Chemistry	
10/10/2023		71		Coordination Chemistry	
10/10/2023		72		Solid State Chemistry	
10/10/2023		73		Nuclear Chemistry	
10/10/2023		74		Biochemistry	
10/10/2023		75		Polymer Chemistry	
10/10/2023		76		Environmental Chemistry	
10/10/2023		77		Organic Chemistry	
10/10/2023		78		Inorganic Chemistry	
10/10/2023		79		Coordination Chemistry	
10/10/2023		80		Solid State Chemistry	
10/10/2023		81		Nuclear Chemistry	
10/10/2023		82		Biochemistry	
10/10/2023		83		Polymer Chemistry	
10/10/2023		84		Environmental Chemistry	
10/10/2023		85		Organic Chemistry	
10/10/2023		86		Inorganic Chemistry	
10/10/2023		87		Coordination Chemistry	
10/10/2023		88		Solid State Chemistry	
10/10/2023		89		Nuclear Chemistry	
10/10/2023		90		Biochemistry	
10/10/2023		91		Polymer Chemistry	
10/10/2023		92		Environmental Chemistry	
10/10/2023		93		Organic Chemistry	
10/10/2023		94		Inorganic Chemistry	
10/10/2023		95		Coordination Chemistry	
10/10/2023		96		Solid State Chemistry	
10/10/2023		97		Nuclear Chemistry	
10/10/2023		98		Biochemistry	
10/10/2023		99		Polymer Chemistry	
10/10/2023		100		Environmental Chemistry	



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CHARTER OF CHARTER INCORPORATED



THEORY OF THE EARTH

CHAPTER I

THE EARTH AND ITS HISTORY

THE EARTH AND ITS HISTORY

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THE EARTH AND ITS HISTORY

APPENDIX B

Laboratory Analytical Packages with QA/QC Data

1. Sample Delivery Group No. 56277

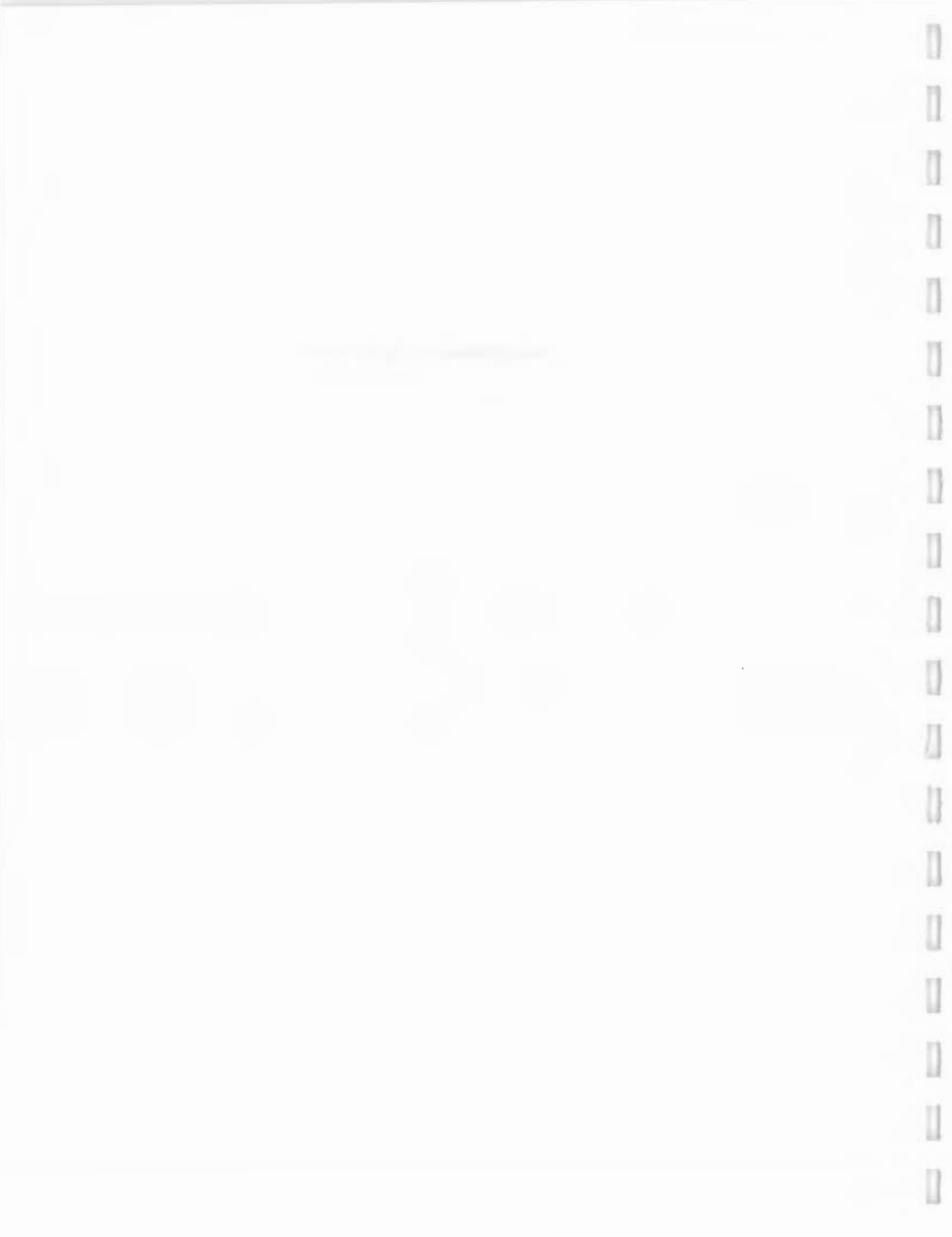
A. TAL Metals Analysis

B. Indicator Analysis Results

2. Sample Delivery Group No. 56202

A. Indicator Analysis Results

1. Sample Delivery Group No. 56277





Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/21/96
ETR Number : 56277
Project No.: 93206
No. Samples: 91
Arrived : 01/18/96
P.O. Number: *

Attention : Mike Duchesneau

Page 1

Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286534	MW12a:01/16/96 (Water)	
9050	Conductivity (umhos/cm)	877
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.03 o
9060	Total Organic Carbon	1.1
286534R1	MW12a:01/16/96 (Water)	
9060	Total Organic Carbon	1.1
286534R2	MW12a:01/16/96 (Water)	
9060	Total Organic Carbon	0.9
286534R3	MW12a:01/16/96 (Water)	
9060	Total Organic Carbon	0.9
286535	MW12b:01/16/96 (Water)	
9050	Conductivity (umhos/cm)	862
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.2 o
9060	Total Organic Carbon	1.0
286535R1	MW12b:01/16/96 (Water)	
9060	Total Organic Carbon	1.0

Comments/Notes

o = pH units

< Cont. Next Page >



ARTICLE

THE
JOURNAL
OF THE
AMERICAN
MEDICAL
ASSOCIATION

Published Weekly
except on Sundays
and Public Holidays

Subscription Price, \$5.00 per Annum in Advance

1934

CONTENTS

The following articles are published in this issue of the Journal. The titles of the articles are given in full, and the names of the authors are given in full. The titles of the articles are given in full, and the names of the authors are given in full.

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93	93	93	93
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100	100	100	100

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Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

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Boston, MA 02199

Date : 02/21/96
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No. Samples: 91
Arrived : 01/18/96
P.O. Number: *

Attention : Mike Duchesneau

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Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286535R2	MW12b:01/16/96 (Water) 9060 Total Organic Carbon	1.3
286535R3	MW12b:01/16/96 (Water) 9060 Total Organic Carbon	1.3
286536	MW12c:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	865 <0.02 7.21 o 1.1
286536R1	MW12c:01/16/96 (Water) 9060 Total Organic Carbon	1.0
286536R2	MW12c:01/16/96 (Water) 9060 Total Organic Carbon	0.9
286536R3	MW12c:01/16/96 (Water) 9060 Total Organic Carbon	0.9
286537	MW12d:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	873 <0.02 7.23 o 0.9

Comments/Notes

o = pH units

< Cont. Next Page >



1940-1941 Annual Report



SUMMARY OF ACTIVITIES

The National Aeronautics and Space Administration (NASA) was established on October 3, 1958, by the National Aeronautics and Space Act of 1958. It is the United States Government agency responsible for the United States' civilian space program, as well as the research and development of reusable launch vehicles and space technology. NASA is also responsible for the operation of the United States' space station, the International Space Station (ISS).

The following table shows the major accomplishments of NASA during the year 1940-1941. The table is divided into two columns: "Major Accomplishments" and "Date".

Major Accomplishments	Date
First flight of the X-15 hypersonic aircraft	October 3, 1958
First flight of the X-43 hypersonic aircraft	October 3, 1958
First flight of the X-45 hypersonic aircraft	October 3, 1958
First flight of the X-46 hypersonic aircraft	October 3, 1958
First flight of the X-47 hypersonic aircraft	October 3, 1958
First flight of the X-48 hypersonic aircraft	October 3, 1958
First flight of the X-49 hypersonic aircraft	October 3, 1958
First flight of the X-50 hypersonic aircraft	October 3, 1958
First flight of the X-51 hypersonic aircraft	October 3, 1958
First flight of the X-52 hypersonic aircraft	October 3, 1958
First flight of the X-53 hypersonic aircraft	October 3, 1958
First flight of the X-54 hypersonic aircraft	October 3, 1958
First flight of the X-55 hypersonic aircraft	October 3, 1958
First flight of the X-56 hypersonic aircraft	October 3, 1958
First flight of the X-57 hypersonic aircraft	October 3, 1958
First flight of the X-58 hypersonic aircraft	October 3, 1958
First flight of the X-59 hypersonic aircraft	October 3, 1958
First flight of the X-60 hypersonic aircraft	October 3, 1958
First flight of the X-61 hypersonic aircraft	October 3, 1958
First flight of the X-62 hypersonic aircraft	October 3, 1958
First flight of the X-63 hypersonic aircraft	October 3, 1958
First flight of the X-64 hypersonic aircraft	October 3, 1958
First flight of the X-65 hypersonic aircraft	October 3, 1958
First flight of the X-66 hypersonic aircraft	October 3, 1958
First flight of the X-67 hypersonic aircraft	October 3, 1958
First flight of the X-68 hypersonic aircraft	October 3, 1958
First flight of the X-69 hypersonic aircraft	October 3, 1958
First flight of the X-70 hypersonic aircraft	October 3, 1958
First flight of the X-71 hypersonic aircraft	October 3, 1958
First flight of the X-72 hypersonic aircraft	October 3, 1958
First flight of the X-73 hypersonic aircraft	October 3, 1958
First flight of the X-74 hypersonic aircraft	October 3, 1958
First flight of the X-75 hypersonic aircraft	October 3, 1958
First flight of the X-76 hypersonic aircraft	October 3, 1958
First flight of the X-77 hypersonic aircraft	October 3, 1958
First flight of the X-78 hypersonic aircraft	October 3, 1958
First flight of the X-79 hypersonic aircraft	October 3, 1958
First flight of the X-80 hypersonic aircraft	October 3, 1958
First flight of the X-81 hypersonic aircraft	October 3, 1958
First flight of the X-82 hypersonic aircraft	October 3, 1958
First flight of the X-83 hypersonic aircraft	October 3, 1958
First flight of the X-84 hypersonic aircraft	October 3, 1958
First flight of the X-85 hypersonic aircraft	October 3, 1958
First flight of the X-86 hypersonic aircraft	October 3, 1958
First flight of the X-87 hypersonic aircraft	October 3, 1958
First flight of the X-88 hypersonic aircraft	October 3, 1958
First flight of the X-89 hypersonic aircraft	October 3, 1958
First flight of the X-90 hypersonic aircraft	October 3, 1958
First flight of the X-91 hypersonic aircraft	October 3, 1958
First flight of the X-92 hypersonic aircraft	October 3, 1958
First flight of the X-93 hypersonic aircraft	October 3, 1958
First flight of the X-94 hypersonic aircraft	October 3, 1958
First flight of the X-95 hypersonic aircraft	October 3, 1958
First flight of the X-96 hypersonic aircraft	October 3, 1958
First flight of the X-97 hypersonic aircraft	October 3, 1958
First flight of the X-98 hypersonic aircraft	October 3, 1958
First flight of the X-99 hypersonic aircraft	October 3, 1958
First flight of the X-100 hypersonic aircraft	October 3, 1958



Inchcape Testing Services

Environmental Laboratories

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South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/21/96
ETR Number : 56277
Project No.: 93206
No. Samples: 91
Arrived : 01/18/96
P.O. Number: *

Attention : Mike Duchesneau

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Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286537R1	MW12d:01/16/96 (Water) 9060 Total Organic Carbon	1.0
286537R2	MW12d:01/16/96 (Water) 9060 Total Organic Carbon	1.3
286537R3	MW12d:01/16/96 (Water) 9060 Total Organic Carbon	1.3
286538	MW13a:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	902 <0.02 7.15 o 1.3
286538R1	MW13a:01/16/96 (Water) 9060 Total Organic Carbon	1.3
286538R2	MW13a:01/16/96 (Water) 9060 Total Organic Carbon	1.5
286538R3	MW13a:01/16/96 (Water) 9060 Total Organic Carbon	1.4

Comments/Notes

o = pH units

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Case:OBASH SDG:56277

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Lab No./ Method No.	Sample Description/ Parameter	Result
286539	MW13b:01/16/96 (Water)	
9050	Conductivity (umhos/cm)	890
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.15 o
9060	Total Organic Carbon	1.3
286539R1	MW13b:01/16/96 (Water)	
9060	Total Organic Carbon	1.3
286539R2	MW13b:01/16/96 (Water)	
9060	Total Organic Carbon	1.4
286539R3	MW13b:01/16/96 (Water)	
9060	Total Organic Carbon	1.3
286540	MW13c:01/16/96 (Water)	
9050	Conductivity (umhos/cm)	900
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.11 o
9060	Total Organic Carbon	1.6
286540R1	MW13c:01/16/96 (Water)	
9060	Total Organic Carbon	1.6

Comments/Notes

o = pH units

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Psychiatric Training Records

Psychiatric Institute of America

CONFIDENTIAL

DATE: 10/15/54
 TIME: 10:00 AM
 LOCATION: Room 101
 BY: Dr. J. H. Smith
 FOR: Mr. J. H. Smith

RECEIVED BY: Mr. J. H. Smith
 DATE: 10/15/54
 TIME: 10:00 AM

RECEIVED BY: Mr. J. H. Smith

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Environmental Laboratories

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Parsons Engineering Science
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Boston, MA 02199

Date : 02/21/96
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Arrived : 01/18/96
P.O. Number: *

Attention : Mike Duchesneau

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Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286540R2	MW13c:01/16/96 (Water) 9060 Total Organic Carbon	1.4
286540R3	MW13c:01/16/96 (Water) 9060 Total Organic Carbon	1.3
286541	MW13d:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	883 <0.02 7.11 o 1.1
286541R1	MW13d:01/16/96 (Water) 9060 Total Organic Carbon	1.2
286541R2	MW13d:01/16/96 (Water) 9060 Total Organic Carbon	1.2
286541R3	MW13d:01/16/96 (Water) 9060 Total Organic Carbon	1.2
286543	MW27a:01/15/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	945 <0.02 7.17 o 0.8

Comments/Notes

o = pH units

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Prudential Center
Boston, MA 02199

Date : 02/21/96
ETR Number : 56277
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Attention : Mike Duchesneau

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Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286543R1	MW27a:01/15/96 (Water) 9060 Total Organic Carbon	0.8
286543R2	MW27a:01/15/96 (Water) 9060 Total Organic Carbon	0.8
286543R3	MW27a:01/15/96 (Water) 9060 Total Organic Carbon	0.8
286544	MW27b:01/15/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	952 <0.02 7.26 o 0.7
286544R1	MW27b:01/15/96 (Water) 9060 Total Organic Carbon	0.8
286544R2	MW27b:01/15/96 (Water) 9060 Total Organic Carbon	0.9
286544R3	MW27b:01/15/96 (Water) 9060 Total Organic Carbon	0.9

Comments/Notes

o = pH units

< Cont. Next Page >



UNITED STATES OF AMERICA

DEPARTMENT OF THE INTERIOR

No.	Name	Age	Sex	Occupation	Address	Remarks
1	John Doe	35	M	Farmer	123 Main St, Springfield, Ill.	
2	Jane Doe	32	F	Homemaker	123 Main St, Springfield, Ill.	
3	Robert Smith	45	M	Teacher	456 Oak St, Springfield, Ill.	
4	Mary Smith	42	F	Teacher	456 Oak St, Springfield, Ill.	
5	William Brown	55	M	Engineer	789 Pine St, Springfield, Ill.	
6	Elizabeth Brown	52	F	Engineer's Wife	789 Pine St, Springfield, Ill.	
7	Charles Green	60	M	Doctor	101 Elm St, Springfield, Ill.	
8	Anna Green	58	F	Doctor's Wife	101 Elm St, Springfield, Ill.	
9	Thomas White	70	M	Retired	202 Maple St, Springfield, Ill.	
10	Sarah White	68	F	Retired	202 Maple St, Springfield, Ill.	



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Case:OBASH SDG:56277

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Lab No./ Method No.	Sample Description/ Parameter	Result
286545	MW27c:01/15/96 (Water)	
9050	Conductivity (umhos/cm)	938
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.30 o
9060	Total Organic Carbon	0.8
286545R1	MW27c:01/15/96 (Water)	
9060	Total Organic Carbon	0.8
286545R2	MW27c:01/15/96 (Water)	
9060	Total Organic Carbon	0.7
286545R3	MW27c:01/15/96 (Water)	
9060	Total Organic Carbon	0.6
286546	MW27d:01/15/96 (Water)	
9050	Conductivity (umhos/cm)	940
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.32 o
9060	Total Organic Carbon	0.8
286546R1	MW27d:01/15/96 (Water)	
9060	Total Organic Carbon	0.6

Comments/Notes

o = pH units

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Institutional Laboratory

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Date : 02/21/96
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Case:OBASH SDG:56277

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Lab No./ Method No.	Sample Description/ Parameter	Result
286546R2	MW27d:01/15/96 (Water) 9060 Total Organic Carbon	1.1
286546R3	MW27d:01/15/96 (Water) 9060 Total Organic Carbon	1.1
286548	MW453a:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units)	1400 <0.02 7.23 o
286558	MW453a:01/17/96 (Water) 9060 Total Organic Carbon	0.7
286558R1	MW453a:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286558R2	MW453a:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286558R3	MW453a:01/17/96 (Water) 9060 Total Organic Carbon	0.7
286549	MW453b:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides	1340 <0.02

Comments/Notes

o = pH units

< Cont. Next Page >



1940-1941 Annual Report

Financial Statement

The following statement shows the financial condition of the organization at the close of the year 1940-1941.

Prepared by the Finance Committee
 December 31, 1941

Approved by the Board of Directors
 January 1, 1942

Balance Sheet

The following statement shows the financial condition of the organization at the close of the year 1940-1941.

Assets		Liabilities and Net Assets	
Cash	\$ 100.00	Accounts Payable	\$ 50.00
Accounts Receivable	250.00	Notes Payable	75.00
Inventory	150.00	Unpaid Dues	125.00
Prepaid Insurance	75.00	Reserve for Depreciation	200.00
Fixed Assets	1,000.00	Net Assets	1,000.00
	\$ 1,525.00		\$ 1,525.00



Inchcape Testing Services

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Case:OBASH SDG:56277

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Lab No./ Method No.	Sample Description/ Parameter	Result
286549	MW453b:01/16/96 (Water) 9040 pH (std. units)	7.24 o
286559	MW453b:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286559R1	MW453b:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286559R2	MW453b:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286559R3	MW453b:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286550	MW453c:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units)	1380 <0.02 7.25 o
286560	MW453c:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286560R1	MW453c:01/17/96 (Water) 9060 Total Organic Carbon	0.6

Comments/Notes

o = pH units

< Cont. Next Page >



Inventory of the Library of the University of California

1960-1961

1. Name of the
Library
2. Address
3. City
4. State
5. Zip

6. Name of the
Director
7. Title

8. Name of the
Assistant Director

9. Name

10. Name

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Library
12. Address
13. City
14. State
15. Zip

16. Name of the
Director
17. Title

18. Name of the
Assistant Director

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Director
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Assistant Director

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Director
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Assistant Director

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Library
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Director
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33. Name of the
Assistant Director

34. Name of the
Library
35. Address

36. Name of the
Director
37. Title



Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/21/96
ETR Number : 56277
Project No.: 93206
No. Samples: 91
Arrived : 01/18/96
P.O. Number: *

Attention : Mike Duchesneau

Page 10

Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286560R2	MW453c:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286560R3	MW453c:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286551	MW453d:01/16/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units)	1290 <0.02 7.25 o
286561	MW453d:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286561R1	MW453d:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286561R2	MW453d:01/17/96 (Water) 9060 Total Organic Carbon	0.7
286561R3	MW453d:01/17/96 (Water) 9060 Total Organic Carbon	0.6
286553	MW454a:01/15/96 (Water) 9020 Total Organic Halides 9040 pH (std. units)	<0.02 7.27 o

Comments/Notes

o = pH units

< Cont. Next Page >





Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/21/96
ETR Number : 56277
Project No.: 93206
No. Samples: 91
Arrived : 01/18/96
P.O. Number: *

Attention : Mike Duchesneau

Page 11

Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286553	MW454a:01/15/96 (Water) 9060 Total Organic Carbon	0.8
286553R1	MW454a:01/15/96 (Water) 9060 Total Organic Carbon	0.7
286553R2	MW454a:01/15/96 (Water) 9060 Total Organic Carbon	0.7
286553R3	MW454a:01/15/96 (Water) 9060 Total Organic Carbon	0.8
286554	MW454b:01/15/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	1000 <0.02 7.25 o 0.7
286554R1	MW454b:01/15/96 (Water) 9060 Total Organic Carbon	0.7
286554R2	MW454b:01/15/96 (Water) 9060 Total Organic Carbon	0.9

Comments/Notes

o = pH units

< Cont. Next Page >





Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/21/96
ETR Number : 56277
Project No.: 93206
No. Samples: 91
Arrived : 01/18/96
P.O. Number: *

Attention : Mike Duchesneau

Page 12

Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286554R3	MW454b:01/15/96 (Water)	
9060	Total Organic Carbon	0.7
286555	MW454c:01/15/96 (Water)	
9050	Conductivity (umhos/cm)	978
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.22 o
9060	Total Organic Carbon	0.7
286555R1	MW454c:01/15/96 (Water)	
9060	Total Organic Carbon	0.7
286555R2	MW454c:01/15/96 (Water)	
9060	Total Organic Carbon	1.2
286555R3	MW454c:01/15/96 (Water)	
9060	Total Organic Carbon	1.2
286556	MW454d:01/15/96 (Water)	
9050	Conductivity (umhos/cm)	993
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.15 o
9060	Total Organic Carbon	0.8

Comments/Notes

o = pH units

< Cont. Next Page >



International Health Service

Medical and Laboratory



MEMORANDUM

TO : Mr. [Name]
 FROM : Mr. [Name]
 SUBJECT: [Subject]

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Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Attention : Mike Duchesneau

Date : 02/21/96
ETR Number : 56277
Project No.: 93206
No. Samples: 91
Arrived : 01/18/96
P.O. Number: *

Page 13

Case:OBASH SDG:56277

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286556R1 9060	MW454d:01/15/96 (Water) Total Organic Carbon	0.7
286556R2 9060	MW454d:01/15/96 (Water) Total Organic Carbon	0.7
286556R3 9060	MW454d:01/15/96 (Water) Total Organic Carbon	0.7

< Last Page >

Submitted By :

Aquatec Inc.



in the type of living services



Department of Economics

THE NATIONAL BUREAU OF ECONOMIC RESEARCH

THE NATIONAL BUREAU OF ECONOMIC RESEARCH
 100 EAST 47TH STREET
 NEW YORK 17, N. Y.

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 NEW YORK 17, N. Y.

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Quality Control Summary

Project No:93206

ETR No:56277

SDG No:56277

Units:mg/L

Parameter	Method Preparation Blank	Laboratory Control Sample Reported Value	Laboratory Control Sample True Value	Laboratory Control Sample Percent Recovery
Conductivity (umhos/cm)	NA	1343	1413	95.0
pH (Std Units)	NA	5.97	6.00	99.5
Total Organic Carbon	< 0.5	67.6	72.9	92.7
Total Organic Halides	< 0.02	5.11	5.00	102.2

Quarterly Financial Statement

Period: Q1 2024
 From: 01/01/2024
 To: 03/31/2024
 Currency: USD

Account Name	Balance 01/01/2024	Debit 01/01/2024	Credit 01/01/2024	Balance 03/31/2024
Bank of America	1000.00	500.00	200.00	700.00
Wells Fargo	500.00	250.00	100.00	350.00
Chase	250.00	125.00	50.00	175.00
Capital One	150.00	75.00	30.00	105.00

Quality Control Summary

Project No: 93206
ETR No: 56277
SDG No: 56277
Units: mg/L

Parameter	Method Preparation Blank	Laboratory Control Sample Reported Value	Laboratory Control Sample True Value	Laboratory Control Sample Percent Recovery
Conductivity (umhos/cm)	NA	1343	1413	95.0
pH (Std Units)	NA	5.97	6.00	99.5
Total Organic Carbon	< 0.5	67.6	72.9	92.7
Total Organic Halides	< 0.02	5.11	5.00	102.2

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

SOW No.: ILM02.1

ILM02.1

THE UNITED STATES OF AMERICA

IN SENATE

January 1, 1900

REPORT

OF THE

COMMISSIONER

OF THE

LAND OFFICE

FOR THE YEAR

1899

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FOR THE YEAR

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1900

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW12

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water): WATER

Lab Sample ID: 286533

Level (low/med): LOW__

Date Received: 01/18/96

% Solids: _____0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	350	-		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	2.8	U		P
7440-39-3	Barium	92.3	B		P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	82500	-		P
7440-47-3	Chromium	0.64	B		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.7	B		P
7439-89-6	Iron	380	-		P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	64300	-		P
7439-96-5	Manganese	5.4	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.1	B		P
7440-09-7	Potassium	8650	-		P
7782-49-2	Selenium	3.2	B		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	16200	-		P
7440-28-0	Thallium	7.5	B		P
7440-62-2	Vanadium	1.6	U		P
7440-66-6	Zinc	17.6	B		P
	Cyanide	5.0	U		AS

Color Before: WHITE_____ Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

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Page 1 of 1

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW13A

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water): WATER

Lab Sample ID: 286557

Level (low/med): LOW__

Date Received: 01/18/96

% Solids: ____0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1210	-		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	2.8	U		P
7440-39-3	Barium	75.7	B		P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	140000			P
7440-47-3	Chromium	1.9	B		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	3.8	B		P
7439-89-6	Iron	1850			P
7439-92-1	Lead	2.9	B		P
7439-95-4	Magnesium	27400	-		P
7439-96-5	Manganese	49.3			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.0	B		P
7440-09-7	Potassium	2190	B		P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	26400			P
7440-28-0	Thallium	3.7	B		P
7440-62-2	Vanadium	2.0	B		P
7440-66-6	Zinc	50.1			P
	Cyanide	5.0	U		AS

Color Before: WHITE_____ Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW27

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water): WATER

Lab Sample ID: 286542

Level (low/med): LOW__

Date Received: 01/18/96

% Solids: _____ 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11.3	U		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	2.8	U		P
7440-39-3	Barium	79.1	B		P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	87600			P
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.2	B		P
7439-89-6	Iron	18.8	B		P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	65800			P
7439-96-5	Manganese	32.4			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.3	B		P
7440-09-7	Potassium	9600			P
7782-49-2	Selenium	2.8	B		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	19600			P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	1.6	U		P
7440-66-6	Zinc	2.7	B		P
	Cyanide	5.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW453

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water): WATER

Lab Sample ID: 286547

Level (low/med): LOW_____

Date Received: 01/18/96

% Solids: _____0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	26.4	B		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	3.7	B		P
7440-39-3	Barium	16.8	B		P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	184000			P
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	69.2	B		P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	69900			P
7439-96-5	Manganese	31.7			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	B		P
7440-09-7	Potassium	8970			P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	16500			P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	1.6	U		P
7440-66-6	Zinc	6.1	B		P
	Cyanide	5.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_____ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_____ Artifacts: _____

Comments:

1. Name of the
 person or
 organization

2. Date of the
 report

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 report

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 person or
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16. Name of the
 person or
 organization

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW454

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water): WATER

Lab Sample ID: 286552

Level (low/med): LOW__

Date Received: 01/18/96

% Solids: ____0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	71.2	B		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	2.8	U		P
7440-39-3	Barium	30.8	B		P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	156000			P
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.6	B		P
7439-89-6	Iron	81.9	B		P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	35000			P
7439-96-5	Manganese	4.8	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.5	B		P
7440-09-7	Potassium	3470	B		P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	13800			P
7440-28-0	Thallium	4.5	B		P
7440-62-2	Vanadium	1.6	U		P
7440-66-6	Zinc	5.3	B		P
	Cyanide	5.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Initial Calibration Source: VENTURES_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	26000.0	25630.00	98.6	30200.0	30190.00	100.0	30330.00	100.4	P
Antimony	250.0	243.20	97.3	300.0	306.40	102.1	311.20	103.7	P
Arsenic	250.0	255.60	102.2	100.0	100.40	100.4	101.40	101.4	P
Barium	500.0	488.80	97.8	200.0	202.70	101.4	204.20	102.1	P
Beryllium	500.0	503.60	100.7	100.0	100.70	100.7	100.80	100.8	P
Cadmium	500.0	495.20	99.0	100.0	99.61	99.6	99.42	99.4	P
Calcium	25000.0	25360.00	101.4	30200.0	30450.00	100.8	30450.00	100.8	P
Chromium	500.0	495.30	99.1	200.0	202.70	101.4	203.30	101.6	P
Cobalt	500.0	494.90	99.0	200.0	199.60	99.8	199.80	99.9	P
Copper	500.0	496.70	99.3	200.0	204.50	102.2	206.90	103.4	P
Iron	25500.0	26380.00	103.5	30200.0	30480.00	100.9	30460.00	100.9	P
Lead	1000.0	1008.00	100.8	400.0	406.90	101.7	404.80	101.2	P
Magnesium	25000.0	24980.00	99.9	30200.0	30300.00	100.3	30530.00	101.1	P
Manganese	500.0	498.60	99.7	200.0	200.60	100.3	200.80	100.4	P
Mercury	1.8	1.88	104.4	3.0	3.04	101.3	3.04	101.3	CV
Nickel	500.0	492.70	98.5	200.0	201.40	100.7	204.20	102.1	P
Potassium	25000.0	26810.00	107.2	30200.0	31540.00	104.4	31850.00	105.5	P
Selenium	250.0	251.50	100.6	100.0	99.25	99.2	104.00	104.0	P
Silver	500.0	503.90	100.8	100.0	102.20	102.2	102.70	102.7	P
Sodium	25000.0	24440.00	97.8	30200.0	29580.00	97.9	29930.00	99.1	P
Thallium	250.0	234.40	93.8	100.0	104.70	104.7	102.50	102.5	P
Vanadium	500.0	499.90	100.0	200.0	200.30	100.2	201.00	100.5	P
Zinc	500.0	499.80	100.0	200.0	207.20	103.6	209.00	104.5	P
Cyanide	120.0	109.00	90.8	150.0	141.00	94.0	142.00	94.7	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Initial Calibration Source: VENTURES_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				30200.0	30530.00	101.1	30800.00	102.0	P
Antimony				300.0	311.70	103.9	312.00	104.0	P
Arsenic				100.0	98.36	98.4	104.40	104.4	P
Barium				200.0	204.80	102.4	205.30	102.6	P
Beryllium				100.0	100.90	100.9	101.60	101.6	P
Cadmium				100.0	98.64	98.6	99.68	99.7	P
Calcium				30200.0	30580.00	101.3	30820.00	102.1	P
Chromium				200.0	204.20	102.1	205.50	102.8	P
Cobalt				200.0	199.70	99.8	201.10	100.6	P
Copper				200.0	208.40	104.2	209.70	104.8	P
Iron				30200.0	30540.00	101.1	30690.00	101.6	P
Lead				400.0	405.20	101.3	411.30	102.8	P
Magnesium				30200.0	30650.00	101.5	30830.00	102.1	P
Manganese				200.0	200.50	100.2	201.70	100.8	P
Mercury				3.0	3.00	100.0	2.90	96.7	CV
Nickel				200.0	205.10	102.6	204.50	102.2	P
Potassium				30200.0	32060.00	106.2	32160.00	106.5	P
Selenium				100.0	99.53	99.5	100.80	100.8	P
Silver				100.0	103.20	103.2	103.90	103.9	P
Sodium				30200.0	30050.00	99.5	30130.00	99.8	P
Thallium				100.0	101.80	101.8	104.10	104.1	P
Vanadium				200.0	200.00	100.0	201.00	100.5	P
Zinc				200.0	210.90	105.4	212.30	106.2	P
Cyanide				150.0	140.00	93.3			AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Initial Calibration Source: VENTURES_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				3.0	2.84	94.7			CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide	120.0	116.00	96.7	150.0	140.00	93.3	142.00	94.7	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

UNITED STATES DEPARTMENT OF AGRICULTURE

Report of the Director of the Bureau of Plant Industry

for the year ending June 30, 1911

Presented to the Senate and House of Representatives

at their respective sessions

ANNUAL REPORT

Page	Bureau of Plant Industry				Bureau of Entomology and Plant Quarantine			
	Appropriation	Actual	Balance	Unexpended	Appropriation	Actual	Balance	Unexpended
1								
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2B

CRDL STANDARD FOR AA AND ICP

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

AA CRDL Standard Source: VENTURES_____

ICP CRDL Standard Source: VENTURES_____

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony				120.0	128.80	107.3	129.70	108.1
Arsenic				20.0	20.25	101.2	20.11	100.6
Barium								
Beryllium				10.0	10.44	104.4	10.83	108.3
Cadmium				10.0	10.55	105.5	10.14	101.4
Calcium								
Chromium				20.0	21.04	105.2	20.79	104.0
Cobalt				100.0	102.30	102.3	102.70	102.7
Copper				50.0	51.40	102.8	53.16	106.3
Iron								
Lead				6.0	6.21	103.5	5.42	90.3
Magnesium								
Manganese				30.0	31.07	103.6	31.10	103.7
Mercury	0.2	0.20	100.0					
Nickel				80.0	82.69	103.4	83.02	103.8
Potassium								
Selenium				10.0	12.25	122.5	9.29	92.9
Silver				20.0	21.25	106.2	21.07	105.4
Sodium								
Thallium				20.0	21.95	109.8	21.21	106.0
Vanadium				100.0	104.50	104.5	104.90	104.9
Zinc				40.0	42.53	106.3	43.13	107.8

THE JOURNAL OF THE

AMERICAN MEDICAL ASSOCIATION

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51	3	Jan. 15, 1918	1	10c	51	3	Jan. 15, 1918	10c
51	4	Jan. 22, 1918	1	10c	51	4	Jan. 22, 1918	10c
51	5	Jan. 29, 1918	1	10c	51	5	Jan. 29, 1918	10c
51	6	Feb. 5, 1918	1	10c	51	6	Feb. 5, 1918	10c
51	7	Feb. 12, 1918	1	10c	51	7	Feb. 12, 1918	10c
51	8	Feb. 19, 1918	1	10c	51	8	Feb. 19, 1918	10c
51	9	Feb. 26, 1918	1	10c	51	9	Feb. 26, 1918	10c
51	10	Mar. 5, 1918	1	10c	51	10	Mar. 5, 1918	10c
51	11	Mar. 12, 1918	1	10c	51	11	Mar. 12, 1918	10c
51	12	Mar. 19, 1918	1	10c	51	12	Mar. 19, 1918	10c
51	13	Mar. 26, 1918	1	10c	51	13	Mar. 26, 1918	10c
51	14	Apr. 2, 1918	1	10c	51	14	Apr. 2, 1918	10c
51	15	Apr. 9, 1918	1	10c	51	15	Apr. 9, 1918	10c
51	16	Apr. 16, 1918	1	10c	51	16	Apr. 16, 1918	10c
51	17	Apr. 23, 1918	1	10c	51	17	Apr. 23, 1918	10c
51	18	Apr. 30, 1918	1	10c	51	18	Apr. 30, 1918	10c
51	19	May 7, 1918	1	10c	51	19	May 7, 1918	10c
51	20	May 14, 1918	1	10c	51	20	May 14, 1918	10c
51	21	May 21, 1918	1	10c	51	21	May 21, 1918	10c
51	22	May 28, 1918	1	10c	51	22	May 28, 1918	10c
51	23	Jun. 4, 1918	1	10c	51	23	Jun. 4, 1918	10c
51	24	Jun. 11, 1918	1	10c	51	24	Jun. 11, 1918	10c
51	25	Jun. 18, 1918	1	10c	51	25	Jun. 18, 1918	10c
51	26	Jun. 25, 1918	1	10c	51	26	Jun. 25, 1918	10c
51	27	Jul. 2, 1918	1	10c	51	27	Jul. 2, 1918	10c
51	28	Jul. 9, 1918	1	10c	51	28	Jul. 9, 1918	10c
51	29	Jul. 16, 1918	1	10c	51	29	Jul. 16, 1918	10c
51	30	Jul. 23, 1918	1	10c	51	30	Jul. 23, 1918	10c
51	31	Jul. 30, 1918	1	10c	51	31	Jul. 30, 1918	10c
51	32	Aug. 6, 1918	1	10c	51	32	Aug. 6, 1918	10c
51	33	Aug. 13, 1918	1	10c	51	33	Aug. 13, 1918	10c
51	34	Aug. 20, 1918	1	10c	51	34	Aug. 20, 1918	10c
51	35	Aug. 27, 1918	1	10c	51	35	Aug. 27, 1918	10c
51	36	Sep. 3, 1918	1	10c	51	36	Sep. 3, 1918	10c
51	37	Sep. 10, 1918	1	10c	51	37	Sep. 10, 1918	10c
51	38	Sep. 17, 1918	1	10c	51	38	Sep. 17, 1918	10c
51	39	Sep. 24, 1918	1	10c	51	39	Sep. 24, 1918	10c
51	40	Oct. 1, 1918	1	10c	51	40	Oct. 1, 1918	10c
51	41	Oct. 8, 1918	1	10c	51	41	Oct. 8, 1918	10c
51	42	Oct. 15, 1918	1	10c	51	42	Oct. 15, 1918	10c
51	43	Oct. 22, 1918	1	10c	51	43	Oct. 22, 1918	10c
51	44	Oct. 29, 1918	1	10c	51	44	Oct. 29, 1918	10c
51	45	Nov. 5, 1918	1	10c	51	45	Nov. 5, 1918	10c
51	46	Nov. 12, 1918	1	10c	51	46	Nov. 12, 1918	10c
51	47	Nov. 19, 1918	1	10c	51	47	Nov. 19, 1918	10c
51	48	Nov. 26, 1918	1	10c	51	48	Nov. 26, 1918	10c
51	49	Dec. 3, 1918	1	10c	51	49	Dec. 3, 1918	10c
51	50	Dec. 10, 1918	1	10c	51	50	Dec. 10, 1918	10c
51	51	Dec. 17, 1918	1	10c	51	51	Dec. 17, 1918	10c
51	52	Dec. 24, 1918	1	10c	51	52	Dec. 24, 1918	10c

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3
BLANKS

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank	C	M
			1	C	2	C	3	C			
Aluminum	11.3	U	11.3	U	11.3	U	11.3	U	11.300	U	P
Antimony	2.5	U	2.5	U	2.5	U	2.5	U	2.500	U	P
Arsenic	2.8	U	2.8	U	2.8	U	2.8	U	2.800	U	P
Barium	5.4	U	5.4	U	5.4	U	5.4	U	5.400	U	P
Beryllium	0.1	B	0.1	B	0.2	B	0.4	B	0.284	B	P
Cadmium	0.3	U	0.3	B	0.3	U	0.3	U	0.300	U	P
Calcium	142.8	U	142.8	U	142.8	U	142.8	U	142.800	U	P
Chromium	0.6	U	0.6	U	0.6	U	0.6	U	0.600	U	P
Cobalt	1.4	U	1.4	U	1.4	U	1.4	U	1.400	U	P
Copper	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Iron	10.6	U	11.0	B	10.6	U	10.6	U	17.480	B	P
Lead	1.6	U	1.6	U	1.6	U	1.6	U	1.600	U	P
Magnesium	136.8	U	136.8	U	136.8	U	136.8	U	136.800	U	P
Manganese	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.100	U	CV
Nickel	1.4	U	1.4	U	1.4	U	1.4	U	1.400	U	P
Potassium	136.4	U	136.4	U	136.4	U	136.4	U	136.400	U	P
Selenium	-2.9	B	2.2	U	2.2	U	2.2	U	2.200	U	P
Silver	0.7	U	0.7	B	-0.9	B	0.7	U	0.700	U	P
Sodium	186.9	U	186.9	U	186.9	U	186.9	U	186.900	U	P
Thallium	2.3	U	2.3	U	2.3	U	2.3	U	2.300	U	P
Vanadium	1.6	U	1.6	U	1.6	U	1.6	U	1.600	U	P
Zinc	0.7	U	0.7	U	0.7	U	0.7	U	0.929	B	P
Cyanide	10.0	U	10.0	U	10.0	U	10.0	U	5.000	U	AS

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3
BLANKS

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank	C	M
			1	C	2	C	3	C			
Aluminum			11.3	U							P
Antimony			2.5	U							P
Arsenic			2.8	U							P
Barium			5.4	U							P
Beryllium			0.5	B							P
Cadmium			0.3	U							P
Calcium			142.8	U							P
Chromium			0.6	U							P
Cobalt			1.4	U							P
Copper			1.0	U							P
Iron			10.6	U							P
Lead			1.6	U							P
Magnesium			136.8	U							P
Manganese			0.5	U							P
Mercury			0.1	U	0.1	U					CV
Nickel			1.4	U							P
Potassium			136.4	U							P
Selenium			2.2	U							P
Silver			0.7	U							P
Sodium			186.9	U							P
Thallium			2.3	U							P
Vanadium			1.6	U							P
Zinc			0.7	U							P
Cyanide	10.0	U	10.0	U	10.0	U			5.000	U	AS

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4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No: _____ SDG No.: 56277_

ICP ID Number: ICP TJA 61E_ ICS Source: VENTURES_____

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum	500000	478686	466500	469900.0	98.2	472200	476500.0	99.5
Antimony	0	594	1	611.2	102.9	-3	620.1	104.4
Arsenic	0	99	5	102.6	103.6	5	102.6	103.6
Barium	0	494	1	494.2	100.0	1	500.4	101.3
Beryllium	0	478	0	483.1	101.1	0	483.8	101.2
Cadmium	0	907	6	919.5	101.4	7	917.3	101.1
Calcium	500000	478186	468200	472300.0	98.8	472100	476900.0	99.7
Chromium	0	472	4	474.1	100.4	3	480.7	101.8
Cobalt	0	463	0	468.7	101.2	0	471.0	101.7
Copper	0	530	3	526.7	99.4	4	538.4	101.6
Iron	200000	192186	188500	192500.0	100.2	189100	194400.0	101.2
Lead	0	53	7	53.7	101.3	6	56.9	107.4
Magnesium	500000	507629	507500	502500.0	99.0	513800	511600.0	100.8
Manganese	0	478	2	482.1	100.9	2	482.8	101.0
Mercury								
Nickel	0	904	3	910.8	100.8	3	931.2	103.0
Potassium	0	0	19	25.1		34	43.9	
Selenium	0	49	5	53.2	108.6	0	51.1	104.3
Silver	0	205	1	208.2	101.6	1	212.5	103.7
Sodium	0	0	54	231.1		2	200.3	
Thallium	0	96	0	101.3	105.5	3	105.5	109.9
Vanadium	0	479	2	479.7	100.1	2	484.7	101.2
Zinc	0	986	23	986.0	100.0	24	1009.0	102.3

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5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW12S

Lab Name: INCHCAPE_ENVIRONMENTAL

Contract: 93206

Lab Code: INCHVT

Case No.: OBASH

SAS No.:

SDG No.: 56277

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2368.0000		349.8000		2000.00	100.9		P
Antimony	75-125	520.2000		2.5000	U	500.00	104.0		P
Arsenic	75-125	41.9100		2.8000	U	40.00	104.8		P
Barium	75-125	2057.0000		92.3000	B	2000.00	98.2		P
Beryllium	75-125	52.1700		0.2730	B	50.00	103.8		P
Cadmium	75-125	50.0900		0.3000	U	50.00	100.2		P
Calcium									NR
Chromium	75-125	203.9000		0.6380	B	200.00	101.6		P
Cobalt	75-125	493.0000		1.4000	U	500.00	98.6		P
Copper	75-125	256.1000		1.6730	B	250.00	101.8		P
Iron	75-125	1451.0000		379.8000		1000.00	107.1		P
Lead	75-125	20.0400		1.6000	U	20.00	100.2		P
Magnesium									NR
Manganese	75-125	502.5000		5.3900	B	500.00	99.4		P
Mercury	75-125	0.9450		0.1000	U	1.00	94.5		CV
Nickel	75-125	494.4000		2.1430	B	500.00	98.5		P
Potassium									NR
Selenium	75-125	15.2600		3.2240	B	10.00	120.4		P
Silver	75-125	53.2000		0.7000	U	50.00	106.4		P
Sodium									NR
Thallium	75-125	56.7300		7.4980	B	50.00	98.5		P
Vanadium	75-125	504.2000		1.6000	U	500.00	100.8		P
Zinc	75-125	518.8000		17.6300	B	500.00	100.2		P
Cyanide	75-125	81.5000		5.0000	U	100.00	81.5		AS

Comments:

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1911

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5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW12A

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water) : WATER_ Level (low/med): LOW_

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Added (SA)	%R	Q	M
Aluminum		2441.00	349.80	2000.0	104.6		P
Antimony		539.50	2.50	500.0	107.9		P
Arsenic		45.60	2.80	40.0	114.0		P
Barium		2098.00	92.30	2000.0	100.3		P
Beryllium		53.31	0.27	50.0	106.1		P
Cadmium		51.05	0.30	50.0	102.1		P
Calcium							NR
Chromium		207.30	0.64	200.0	103.3		P
Cobalt		509.50	1.40	500.0	101.9		P
Copper		261.90	1.67	250.0	104.1		P
Iron		1472.00	379.80	1000.0	109.2		P
Lead		19.67	1.60	20.0	98.4		P
Magnesium							NR
Manganese		516.10	5.39	500.0	102.1		P
Mercury							NR
Nickel		505.60	2.14	500.0	100.7		P
Potassium							NR
Selenium		15.34	3.22	10.0	121.2		P
Silver							NR
Sodium							NR
Thallium		56.32	7.50	50.0	97.6		P
Vanadium		514.60	1.60	500.0	102.9		P
Zinc		536.00	17.63	500.0	103.7		P
Cyanide							NR

Comments:

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6
DUPLICATES

EPA SAMPLE NO.

MW12D

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water): WATER Level (low/med): _LOW_

% Solids for Sample: __0.0 % Solids for Duplicate: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	200.0	349.8000		329.1000		6.1		P
Antimony		2.5000	U	2.5000	U			P
Arsenic		2.8000	U	2.8000	U			P
Barium		92.3000	B	92.7100	B	0.4		P
Beryllium		0.2730	B	0.3200	B	15.9		P
Cadmium		0.3000	U	0.3000	U			P
Calcium		82460.0000		82840.0000		0.5		P
Chromium		0.6380	B	0.7460	B	15.6		P
Cobalt		1.4000	U	1.4000	U			P
Copper		1.6730	B	1.6760	B	0.2		P
Iron	100.0	379.8000		380.5000		0.2		P
Lead		1.6000	U	1.6000	U			P
Magnesium		64320.0000		64680.0000		0.6		P
Manganese		5.3900	B	5.2910	B	1.9		P
Mercury		0.1000	U	0.1000	U			CV
Nickel		2.1430	B	2.7880	B	26.2		P
Potassium	5000.0	8652.0000		8687.0000		0.4		P
Selenium		3.2240	B	2.3250	B	32.4		P
Silver		0.7000	U	0.7000	U			P
Sodium	5000.0	16240.0000		16280.0000		0.2		P
Thallium		7.4980	B	2.3000	U	200.0		P
Vanadium		1.6000	U	1.6000	U			P
Zinc		17.6300	B	18.5500	B	5.1		P
Cyanide		5.0000	U	5.0000	U			AS

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LABORATORY CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Solid LCS Source: _____

Aqueous LCS Source: VENTURES_____

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	51000.0	50800.00	99.6					
Antimony	2000.0	2151.00	107.6					
Arsenic	1050.0	1127.00	107.3					
Barium	500.0	494.90	99.0					
Beryllium	500.0	511.00	102.2					
Cadmium	525.0	516.20	98.3					
Calcium	50000.0	51170.00	102.3					
Chromium	500.0	505.40	101.1					
Cobalt	500.0	496.50	99.3					
Copper	500.0	508.90	101.8					
Iron	50500.0	52050.00	103.1					
Lead	1015.0	1032.00	101.7					
Magnesium	50000.0	50640.00	101.3					
Manganese	500.0	501.10	100.2					
Mercury	1.0	0.95	95.2					
Nickel	500.0	497.70	99.5					
Potassium	50000.0	50060.00	100.1					
Selenium	25.0	27.13	108.5					
Silver	500.0	513.80	102.8					
Sodium	50000.0	50890.00	101.8					
Thallium	50.0	51.38	102.8					
Vanadium	500.0	501.20	100.2					
Zinc	500.0	523.70	104.7					
Cyanide								

REPORT

DATE: _____

BY: _____

FOR: _____

PROJECT: _____

LOCATION: _____

STATUS: _____

REMARKS: _____

APPROVED BY: _____

GENERAL INFORMATION				ANALYSIS				CONCLUSIONS			
NO.	DATE	TIME	LOCATION	NO.	DATE	TIME	LOCATION	NO.	DATE	TIME	LOCATION
1				1				1			
2				2				2			
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STANDARD ADDITION RESULTS

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.:56277

[illegible]

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EPA SAMPLE NO.

ICP SERIAL DILUTION

MW12L

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

Matrix (soil/water): WATER Level (low/med): LOW_

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum	349.80		335.70	B	4.0		P
Antimony	2.50	U	12.50	U			P
Arsenic	2.80	U	14.00	U			P
Barium	92.30	B	91.60	B	0.8		P
Beryllium	0.27	B	1.40	B	418.5		P
Cadmium	0.30	U	1.50	U			P
Calcium	82460.00		82440.00		0.0		P
Chromium	0.64	B	3.00	U	100.0		P
Cobalt	1.40	U	7.00	U			P
Copper	1.67	B	5.00	U	100.0		P
Iron	379.80		430.30	B	13.3		P
Lead	1.60	U	8.00	U			P
Magnesium	64320.00		63090.00		1.9		P
Manganese	5.39	B	5.58	B	3.5		P
Mercury							NR
Nickel	2.14	B	7.00	U	100.0		P
Potassium	8652.00		8675.00	B	0.3		P
Selenium	3.22	B	11.00	U	100.0		P
Silver	0.70	U	3.50	U			P
Sodium	16240.00		15720.00	B	3.2		P
Thallium	7.50	B	11.50	U	100.0		P
Vanadium	1.60	U	8.00	U			P
Zinc	17.63	B	19.88	B	12.8		P

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Date: 10/10/2010

Time: 10:10:10

Author: [Name]

Editor: [Name]

Reviewer: [Name]

Version: 1.0

Status: [Status]

Comments: [Comments]

Keywords: [Keywords]

Abstract: [Abstract]

Introduction: [Introduction]

Methods: [Methods]

Results: [Results]

Discussion: [Discussion]

Conclusion: [Conclusion]

References: [References]

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Hardware: [Hardware]

Materials: [Materials]

Reagents: [Reagents]

Antibodies: [Antibodies]

Enzymes: [Enzymes]

Buffers: [Buffers]

Solvents: [Solvents]

Media: [Media]

Cells: [Cells]

Animals: [Animals]

Plants: [Plants]

Microbes: [Microbes]

Other: [Other]

Notes: [Notes]

Footnote: [Footnote]

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10

Instrument Detection Limits (Quarterly)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

ICP ID Number: ICP_TJA_61E_ Date: 01/01/96

Flame AA ID Number : _____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	11.3	P
Antimony	206.84		60	2.5	P
Arsenic	189.04		10	2.8	P
Barium	493.41		200	5.4	P
Beryllium	313.04		5	0.1	P
Cadmium	226.50		5	0.3	P
Calcium	317.93		5000	142.8	P
Chromium	267.72		10	0.6	P
Cobalt	228.62		50	1.4	P
Copper	324.75		25	1.0	P
Iron	271.44		100	10.6	P
Lead	220.35		3	1.6	P
Magnesium	279.08		5000	136.8	P
Manganese	257.61		15	0.5	P
Mercury			0.2		NR
Nickel	231.60		40	1.4	P
Potassium	766.49		5000	136.4	P
Selenium	196.03		5	2.2	P
Silver	328.07		10	0.7	P
Sodium	330.23		5000	186.9	P
Thallium	190.86		10	2.3	P
Vanadium	292.40		50	1.6	P
Zinc	213.86		20	0.7	P

Comments:

Station	Depth (m)	Time (min)	Temp (°C)	Salinity (‰)
1	0.5	10.0	15.0	35.0
2	1.0	10.5	14.5	35.0
3	1.5	11.0	14.0	35.0
4	2.0	11.5	13.5	35.0
5	2.5	12.0	13.0	35.0
6	3.0	12.5	12.5	35.0
7	3.5	13.0	12.0	35.0
8	4.0	13.5	11.5	35.0
9	4.5	14.0	11.0	35.0
10	5.0	14.5	10.5	35.0
11	5.5	15.0	10.0	35.0
12	6.0	15.5	9.5	35.0
13	6.5	16.0	9.0	35.0
14	7.0	16.5	8.5	35.0
15	7.5	17.0	8.0	35.0
16	8.0	17.5	7.5	35.0
17	8.5	18.0	7.0	35.0
18	9.0	18.5	6.5	35.0
19	9.5	19.0	6.0	35.0
20	10.0	19.5	5.5	35.0
21	10.5	20.0	5.0	35.0
22	11.0	20.5	4.5	35.0
23	11.5	21.0	4.0	35.0
24	12.0	21.5	3.5	35.0
25	12.5	22.0	3.0	35.0
26	13.0	22.5	2.5	35.0
27	13.5	23.0	2.0	35.0
28	14.0	23.5	1.5	35.0
29	14.5	24.0	1.0	35.0
30	15.0	24.5	0.5	35.0

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Instrument Detection Limits (Quarterly)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

ICP ID Number: _____ Date: 01/01/96

Flame AA ID Number : PS200_____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.70		0.2	0.1	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

Comments:

Page 100

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10

Instrument Detection Limits (Quarterly)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

ICP ID Number: _____ Date: 01/01/96

Flame AA ID Number : PS1214_____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury			0.2		NR
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

Comments:

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11A

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

ICP ID Number: ICP TJA 61E_ Date: 01/01/96

Analyte	Wave-length (nm)	Interelement Correction Factors for :				
		Al	Ca	Fe	Mg	CO_
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000400	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0001035	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0000596	-0.0000184	0.0000823	0.0000111	-0.0048710
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	-0.0011240
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	-0.0001999	0.0000000	-0.0000465
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0000100	0.0000000	-0.0000800	0.0000000	0.0049700
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

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11B

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

ICP ID Number: ICP TJA 61E_ Date: 01/01/96

Analyte	Wave-length (nm)	Interelement Correction Factors for :				
		CR_	MN_	NI_	V_	_____
Aluminum_	308.22	0.0000000	0.0000000	0.0000000	0.0264000	
Antimony_	206.84	0.0055040	0.0000000	-0.0002668	-0.0036670	
Arsenic_	189.04	-0.0029900	0.0000000	0.0000000	0.0000000	
Barium_	493.41	0.0000000	0.0000000	0.0000000	0.0000000	
Beryllium_	313.04	0.0000000	0.0000000	0.0000000	0.0011400	
Cadmium_	226.50	0.0000000	0.0000000	-0.0000329	0.0000000	
Calcium_	317.93	0.0000000	0.0000000	0.0000000	0.0000000	
Chromium_	267.72	0.0000000	0.0000704	0.0000000	-0.0000540	
Cobalt_	228.62	0.0000000	0.0000000	0.0000000	0.0000000	
Copper_	324.75	0.0000000	0.0000000	0.0000000	0.0000000	
Iron_	271.44	0.0000000	0.0000000	0.0000000	0.0000000	
Lead_	220.35	-0.0001864	0.0000279	0.0002131	-0.0006255	
Magnesium_	279.08	0.0000000	0.0000000	0.0000000	0.0000000	
Manganese_	257.61	0.0000000	0.0000000	0.0000000	0.0000000	
Mercury_						
Nickel_	231.60	0.0000000	-0.0001310	0.0000000	0.0000000	
Potassium_	766.49	0.0000000	0.0000000	0.0000000	0.0000000	
Selenium_	196.03	0.0000000	0.0002108	0.0000000	0.0000188	
Silver_	328.07	0.0000000	0.0000000	0.0000000	0.0000000	
Sodium_	330.23	0.0000000	0.0000000	0.0000000	0.0000000	
Thallium_	190.86	0.0003750	-0.0005820	0.0000000	0.0036030	
Vanadium_	292.40	0.0000000	0.0000000	0.0000000	0.0000000	
Zinc_	213.86	0.0000000	0.0000000	0.0000000	0.0000000	

Comments:

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ICP LINEAR RANGES (QUARTERLY)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56277_

ICP ID Number: ICP TJA 61E_ Date: 01/01/96

Analyte	Integ. Time (sec.)	Concentration (ug/L)	M
Aluminum	10.00	500000.0	P
Antimony	10.00	50000.0	P
Arsenic	10.00	10000.0	P
Barium	10.00	10000.0	P
Beryllium	10.00	50000.0	P
Cadmium	10.00	10000.0	P
Calcium	10.00	1000000.0	P
Chromium	10.00	50000.0	P
Cobalt	10.00	50000.0	P
Copper	10.00	50000.0	P
Iron	10.00	500000.0	P
Lead	10.00	100000.0	P
Magnesium	10.00	1000000.0	P
Manganese	10.00	20000.0	P
Mercury			NR
Nickel	10.00	100000.0	P
Potassium	10.00	100000.0	P
Selenium	10.00	5000.0	P
Silver	10.00	2000.0	P
Sodium	10.00	100000.0	P
Thallium	10.00	5000.0	P
Vanadium	10.00	50000.0	P
Zinc	10.00	5000.0	P

Comments:

Table 1

Table 1: Data for the first part of the study.

Table 1: Data for the first part of the study.

Table 1: Data for the first part of the study.

Table 1: Data for the first part of the study.

Year	Population (millions)	GDP (billions of dollars)	Life expectancy (years)
1950	2.5	100	45
1955	2.6	110	46
1960	2.7	120	47
1965	2.8	130	48
1970	2.9	140	49
1975	3.0	150	50
1980	3.1	160	51
1985	3.2	170	52
1990	3.3	180	53
1995	3.4	190	54
2000	3.5	200	55
2005	3.6	210	56
2010	3.7	220	57
2015	3.8	230	58
2020	3.9	240	59
2025	4.0	250	60
2030	4.1	260	61
2035	4.2	270	62
2040	4.3	280	63
2045	4.4	290	64
2050	4.5	300	65
2055	4.6	310	66
2060	4.7	320	67
2065	4.8	330	68
2070	4.9	340	69
2075	5.0	350	70
2080	5.1	360	71
2085	5.2	370	72
2090	5.3	380	73
2095	5.4	390	74
2100	5.5	400	75

Table 1: Data for the first part of the study.

Table 1: Data for the first part of the study.

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PREPARATION LOG

[illegible]

Table 1: Summary of Data

The following table provides a summary of the data collected during the experiment. The data is organized into four columns: Date, Time, Location, and Observation. The observations are recorded in a structured format, allowing for easy comparison and analysis of the data over time and across different locations.

Date	Time	Location	Observation
2023-01-01	08:00	Field Station A	Clear sky, light breeze
2023-01-01	09:00	Field Station A	Clear sky, light breeze
2023-01-01	10:00	Field Station A	Clear sky, light breeze
2023-01-01	11:00	Field Station A	Clear sky, light breeze
2023-01-01	12:00	Field Station A	Clear sky, light breeze
2023-01-01	13:00	Field Station A	Clear sky, light breeze
2023-01-01	14:00	Field Station A	Clear sky, light breeze
2023-01-01	15:00	Field Station A	Clear sky, light breeze
2023-01-01	16:00	Field Station A	Clear sky, light breeze
2023-01-01	17:00	Field Station A	Clear sky, light breeze
2023-01-01	18:00	Field Station A	Clear sky, light breeze
2023-01-01	19:00	Field Station A	Clear sky, light breeze
2023-01-01	20:00	Field Station A	Clear sky, light breeze
2023-01-01	21:00	Field Station A	Clear sky, light breeze
2023-01-01	22:00	Field Station A	Clear sky, light breeze
2023-01-01	23:00	Field Station A	Clear sky, light breeze
2023-01-02	00:00	Field Station A	Clear sky, light breeze
2023-01-02	01:00	Field Station A	Clear sky, light breeze
2023-01-02	02:00	Field Station A	Clear sky, light breeze
2023-01-02	03:00	Field Station A	Clear sky, light breeze
2023-01-02	04:00	Field Station A	Clear sky, light breeze
2023-01-02	05:00	Field Station A	Clear sky, light breeze
2023-01-02	06:00	Field Station A	Clear sky, light breeze
2023-01-02	07:00	Field Station A	Clear sky, light breeze
2023-01-02	08:00	Field Station A	Clear sky, light breeze
2023-01-02	09:00	Field Station A	Clear sky, light breeze
2023-01-02	10:00	Field Station A	Clear sky, light breeze
2023-01-02	11:00	Field Station A	Clear sky, light breeze
2023-01-02	12:00	Field Station A	Clear sky, light breeze
2023-01-02	13:00	Field Station A	Clear sky, light breeze
2023-01-02	14:00	Field Station A	Clear sky, light breeze
2023-01-02	15:00	Field Station A	Clear sky, light breeze
2023-01-02	16:00	Field Station A	Clear sky, light breeze
2023-01-02	17:00	Field Station A	Clear sky, light breeze
2023-01-02	18:00	Field Station A	Clear sky, light breeze
2023-01-02	19:00	Field Station A	Clear sky, light breeze
2023-01-02	20:00	Field Station A	Clear sky, light breeze
2023-01-02	21:00	Field Station A	Clear sky, light breeze
2023-01-02	22:00	Field Station A	Clear sky, light breeze
2023-01-02	23:00	Field Station A	Clear sky, light breeze
2023-01-03	00:00	Field Station A	Clear sky, light breeze
2023-01-03	01:00	Field Station A	Clear sky, light breeze
2023-01-03	02:00	Field Station A	Clear sky, light breeze
2023-01-03	03:00	Field Station A	Clear sky, light breeze
2023-01-03	04:00	Field Station A	Clear sky, light breeze
2023-01-03	05:00	Field Station A	Clear sky, light breeze
2023-01-03	06:00	Field Station A	Clear sky, light breeze
2023-01-03	07:00	Field Station A	Clear sky, light breeze
2023-01-03	08:00	Field Station A	Clear sky, light breeze
2023-01-03	09:00	Field Station A	Clear sky, light breeze
2023-01-03	10:00	Field Station A	Clear sky, light breeze
2023-01-03	11:00	Field Station A	Clear sky, light breeze
2023-01-03	12:00	Field Station A	Clear sky, light breeze
2023-01-03	13:00	Field Station A	Clear sky, light breeze
2023-01-03	14:00	Field Station A	Clear sky, light breeze
2023-01-03	15:00	Field Station A	Clear sky, light breeze
2023-01-03	16:00	Field Station A	Clear sky, light breeze
2023-01-03	17:00	Field Station A	Clear sky, light breeze
2023-01-03	18:00	Field Station A	Clear sky, light breeze
2023-01-03	19:00	Field Station A	Clear sky, light breeze
2023-01-03	20:00	Field Station A	Clear sky, light breeze
2023-01-03	21:00	Field Station A	Clear sky, light breeze
2023-01-03	22:00	Field Station A	Clear sky, light breeze
2023-01-03	23:00	Field Station A	Clear sky, light breeze

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PREPARATION LOG

Contract: 93206_____

SDG No.: 56277_

[illegible]

13
PREPARATION LOG

Method: AS

[illegible]

13
PREPARATION LOG

Contract: 93206

SDG No.: 56277

[illegible]

U.S. EPA - CLP

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ANALYSIS RUN LOG

Lab Name: INCHCAPE_ENVIRONMENTAL__

Contract: 93206__

Lab Code: INCHVT Case No.: OBASH__

SAS No.: _____ SDG No.:56277__

Instrument ID Number: ICP TJA 61E__

Method: P__

Start Date: 02/05/96

End Date: 02/05/96

EPA Sample No.	D/F	Time	% R	Analytes																									
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N		
SO	1.00	1106		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
S	1.00	1110					X	X	X		X	X	X								X								
S	1.00	1114		X						X				X						X									
S	1.00	1119			X	X								X						X			X						
ICV	1.00	1125		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ICB	1.00	1130		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ICSA	1.00	1135		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ICSAB	1.00	1139		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CRI	1.00	1144			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	X		
CCV	1.00	1149		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCB	1.00	1154		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ZZZZZZ	100.00	1159																											
ZZZZZZ	1.00	1204																											
ZZZZZZ	1.00	1209																											
ZZZZZZ	1.00	1213																											
ZZZZZZ	5.00	1218																											
ZZZZZZ	1.00	1223																											
ZZZZZZ	1.00	1228																											
PBW1	1.00	1233		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
LCSW1	1.00	1237		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW12	1.00	1242		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCV	1.00	1247		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCB	1.00	1252		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW12L	5.00	1257		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW12A	1.00	1301		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW12S	1.00	1306		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	X		
MW12D	1.00	1311		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW27	1.00	1316		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW453	1.00	1321		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW454	1.00	1325		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW13A	1.00	1330		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCV	1.00	1335		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

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ANALYSIS RUN LOG

End Date: 02/05/96

[illegible]

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ANALYSIS RUN LOG

Lab Name: INCHCAPE_ENVIRONMENTAL_____

Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_____

SAS No.: _____ SDG No.: 56277_

Instrument ID Number: PS200_____

Method: CV

Start Date: 01/26/96

End Date: 01/26/96

EPA Sample No.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N
S0	1.00	1542																X									
S0	1.00	1545																X									
S0.2	1.00	1549																X									
S0.5	1.00	1552																X									
S1	1.00	1555																X									
S3	1.00	1558																X									
S5	1.00	1602																X									
ICV	1.00	1605																X									
ICB	1.00	1608																X									
CRA	1.00	1611																X									
CCV	1.00	1614																X									
CCB	1.00	1617																X									
ZZZZZZ	1.00	1620																									
ZZZZZZ	1.00	1623																									
ZZZZZZ	1.00	1627																									
ZZZZZZ	1.00	1630																									
ZZZZZZ	1.00	1633																									
ZZZZZZ	1.00	1636																									
ZZZZZZ	1.00	1639																									
ZZZZZZ	1.00	1642																									
ZZZZZZ	1.00	1645																									
CCV	1.00	1648																X									
CCB	1.00	1651																X									
ZZZZZZ	1.00	1655																									
ZZZZZZ	1.00	1658																									
ZZZZZZ	1.00	1701																									
ZZZZZZ	1.00	1704																									
ZZZZZZ	1.00	1707																									
ZZZZZZ	1.00	1710																									
ZZZZZZ	1.00	1713																									
ZZZZZZ	1.00	1716																									
ZZZZZZ	1.00	1720																									

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ANALYSIS RUN LOG

Contract: 93206

SAS No.: ' SDG No.:56277

Method: CV

End Date: 01/26/96

[illegible]

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ANALYSIS RUN LOG

Lab Name: INCHCAPE_ENVIRONMENTAL____

Contract: 93206____

Lab Code: INCHVT Case No.: OBASH_

SAS No.: _____ SDG No.:56277_

Instrument ID Number: PS1214_____

Method: AS

Start Date: 01/26/96

End Date: 01/26/96

EPA Sample No.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N
S0	1.00	1805		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
S10	1.00	1807		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
S50	1.00	1809		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
S100	1.00	1811		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
S200	1.00	1813		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
S300	1.00	1816		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
ICV	1.00	1818		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
ICB	1.00	1820		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
ZZZZZZ	1.00	1822		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
CCV	1.00	1824		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
CCB	1.00	1826		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
PBW1	1.00	1829		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
ZZZZZZ	1.00	1831		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	5.00	1833		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1835		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1837		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1839		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1841		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1843		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1845		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1847		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	1849		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
CCB	1.00	1851		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
MW13A	1.00	1854		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
MW27	1.00	1856		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
MW453	1.00	1858		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
MW454	1.00	1900		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
ZZZZZZ	1.00	1902		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZZZZZZ	1.00	1904		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	1906		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
CCB	1.00	1908		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X

14
ANALYSTS RUN LOG

Contract: 93206

SAS No.: _____ SDG No.: 56277

Method: AS

End Date: 01/31/96

[illegible]



2. Sample Delivery Group No. 56202



Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/14/96
ETR Number : 56240
Project No.: 93206
No. Samples: 31
Arrived : 01/16/96
P.O. Number: *

Attention : Mike Duchesneau

Page 1

Case:OBASH SDG:56202

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286220	MW14a:01/15/96 (Water)	
9050	Conductivity (umhos/cm)	1020
9020	Total Organic Halides	<0.02
9040	pH (std. units)	6.78 o
9060	Total Organic Carbon	1.1
286220R1	MW14a:01/15/96 (Water)	
9060	Total Organic Carbon	1.0
286220R2	MW14a:01/15/96 (Water)	
9060	Total Organic Carbon	1.0
286220R3	MW14a:01/15/96 (Water)	
9060	Total Organic Carbon	1.0
286221	MW14b:01/15/96 (Water)	
9050	Conductivity (umhos/cm)	1040
9020	Total Organic Halides	<0.02
9040	pH (std. units)	6.69 o
9060	Total Organic Carbon	1.1
286221R1	MW14b:01/15/96 (Water)	
9060	Total Organic Carbon	1.2

Comments/Notes

o = pH units

< Cont. Next Page >



Indicative Testing Results



Summary of Findings

On 12/15/94
The following
results were
obtained from
the testing of
the samples.

Results of the
testing of the
samples are as
follows:

Results of the
testing of the
samples are as
follows:

Test Results

The following table shows the results of the testing of the samples. The results are given in the form of a table with the following columns: Sample No., Test No., Test Result, and Remarks.

Sample No.	Test No.	Test Result	Remarks
1	1	Pass	
2	2	Fail	Excessive noise
3	3	Pass	
4	4	Fail	Excessive vibration
5	5	Pass	
6	6	Fail	Excessive heat
7	7	Pass	
8	8	Fail	Excessive smoke
9	9	Pass	
10	10	Fail	Excessive odor
11	11	Pass	
12	12	Fail	Excessive dust
13	13	Pass	
14	14	Fail	Excessive noise
15	15	Pass	
16	16	Fail	Excessive vibration
17	17	Pass	
18	18	Fail	Excessive heat
19	19	Pass	
20	20	Fail	Excessive smoke
21	21	Pass	
22	22	Fail	Excessive odor
23	23	Pass	
24	24	Fail	Excessive dust
25	25	Pass	

Results of the testing of the samples are as follows:

Results of the testing of the samples are as follows:

Results of the testing of the samples are as follows:



Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05405

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/14/96
ETR Number : 56240
Project No.: 93206
No. Samples: 31
Arrived : 01/16/96
P.O. Number: *

Attention : Mike Duchesneau

Page 2

Case:OBASH SDG:56202

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286221R2	MW14b:01/15/96 (Water) 9060 Total Organic Carbon	1.0
286221R3	MW14b:01/15/96 (Water) 9060 Total Organic Carbon	1.1
286222	MW14c:01/15/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	1020 <0.02 6.75 o 1.0
286222R1	MW14c:01/15/96 (Water) 9060 Total Organic Carbon	1.0
286222R2	MW14c:01/15/96 (Water) 9060 Total Organic Carbon	1.0
286222R3	MW14c:01/15/96 (Water) 9060 Total Organic Carbon	0.9
286223	MW14d:01/15/96 (Water) 9050 Conductivity (umhos/cm) 9020 Total Organic Halides 9040 pH (std. units) 9060 Total Organic Carbon	1020 <0.02 6.78 o 0.8

Comments/Notes

o = pH units

< Cont. Next Page >





Inchcape Testing Services

Environmental Laboratories

55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

Analytical Report

Parsons Engineering Science
Prudential Center
Boston, MA 02199

Date : 02/14/96
ETR Number : 56240
Project No.: 93206
No. Samples: 31
Arrived : 01/16/96
P.O. Number: *

Attention : Mike Duchesneau

Page 3

Case:OBASH SDG:56202

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
286223R1 MW14d:01/15/96 (Water) 9060	Total Organic Carbon	0.8
286223R2 MW14d:01/15/96 (Water) 9060	Total Organic Carbon	0.8
286223R3 MW14d:01/15/96 (Water) 9060	Total Organic Carbon	0.8
286224 MW14R:01/15/96 (Water) 9050	Conductivity (umhos/cm)	4.5
9020	Total Organic Halides	<0.02
9040	pH (std. units)	7.60 o
9060	Total Organic Carbon	<0.5
286224R1 MW14R:01/15/96 (Water) 9060	Total Organic Carbon	<0.5
286224R2 MW14R:01/15/96 (Water) 9060	Total Organic Carbon	<0.5
286224R3 MW14R:01/15/96 (Water) 9060	Total Organic Carbon	<0.5

Comments/Notes

o = pH units

< Last Page >

Submitted By :

Aquatec Inc.



Quality Control Summary

Project No: 93206

ETR No: 56240

SDG No: 56202

Units: mg/L

Parameter	Method Preparation Blank	Laboratory Control Sample Reported Value	Laboratory Control Sample True Value	Laboratory Control Sample Percent Recovery
Conductivity (umhos/cm)	NA	1425	1413	100.8
pH (Std Units)	NA	5.97	6.00	99.5
Total Organic Carbon	< 0.5	69.2	72.9	94.9
Total Organic Halides	< 0.02	4.81	5.00	96.2

Table 2: Summary of Results

The following table summarizes the results of the experiments. The columns represent the different conditions tested, and the rows represent the different metrics measured.

Condition	Accuracy (%)	Precision (%)	Recall (%)	F1 Score (%)
Baseline	75.2	78.5	72.1	75.3
Model A	82.1	85.4	79.8	82.5
Model B	88.9	91.2	86.5	88.9
Model C	92.3	94.7	90.1	92.4

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

SOW No.: ILM02.1

ILM02.1

THE UNITED STATES OF AMERICA

IN SENATE, January 1, 1900.

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

FOR THE YEAR 1899.

LANDS	AMOUNT	VALUE
Public Lands	1,234,567	\$1,234,567
Indian Lands	1,234,567	\$1,234,567
Swamp Lands	1,234,567	\$1,234,567
Reclamation Lands	1,234,567	\$1,234,567
Other Lands	1,234,567	\$1,234,567
Total	1,234,567	\$1,234,567

THE COMMISSIONER OF THE GENERAL LAND OFFICE

WASHINGTON, D. C.

Printed by the Government Printing Office, Washington, D. C.

For sale by the Government Printing Office, Washington, D. C.

Price, 10 cents.

Order from the Superintendent of the General Land Office.

For sale by the Government Printing Office, Washington, D. C.

Price, 10 cents.

Order from the Superintendent of the General Land Office.

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW114

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

Matrix (soil/water): WATER

Lab Sample ID: 286231

Level (low/med): LOW_____

Date Received: 01/16/96

% Solids: _____0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	138	B		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	2.8	U		P
7440-39-3	Barium	47.7	B		P
7440-41-7	Beryllium	0.23	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	160000			P
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.6	B		P
7439-89-6	Iron	206			P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	33100			P
7439-96-5	Manganese	5.1	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.8	B		P
7440-09-7	Potassium	1470	B		P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	30300			P
7440-28-0	Thallium	6.3	B		P
7440-62-2	Vanadium	1.6	U		P
7440-66-6	Zinc	4.3	B		P
	Cyanide	5.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_____ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW14

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

Matrix (soil/water): WATER

Lab Sample ID: 286219

Level (low/med): LOW__

Date Received: 01/16/96

% Solids: _____ 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L__

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.5	B		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	2.8	U		P
7440-39-3	Barium	46.1	B		P
7440-41-7	Beryllium	0.17	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	159000			P
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	92.4	B		P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	32800			P
7439-96-5	Manganese	1.2	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.4	U		P
7440-09-7	Potassium	1430	B		P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	30200			P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	1.6	U		P
7440-66-6	Zinc	3.8	B		P
	Cyanide	5.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

THE STATE OF

NEW YORK

IN SENATE,

JANUARY 1, 1901.

REPORT OF THE COMMISSIONERS OF THE LAND OFFICE.

ALBANY:

1901.

THE STATE OF NEW YORK.

THE COMMISSIONERS OF THE LAND OFFICE.

ALBANY:

1901.

REPORT OF THE COMMISSIONERS OF THE LAND OFFICE.

NO. OF	SECTION	ACRES	PERCENTAGE
1	1	1.00	100.00
2	2	1.00	100.00
3	3	1.00	100.00
4	4	1.00	100.00
5	5	1.00	100.00
6	6	1.00	100.00
7	7	1.00	100.00
8	8	1.00	100.00
9	9	1.00	100.00
10	10	1.00	100.00
11	11	1.00	100.00
12	12	1.00	100.00
13	13	1.00	100.00
14	14	1.00	100.00
15	15	1.00	100.00
16	16	1.00	100.00
17	17	1.00	100.00
18	18	1.00	100.00
19	19	1.00	100.00
20	20	1.00	100.00
21	21	1.00	100.00
22	22	1.00	100.00
23	23	1.00	100.00
24	24	1.00	100.00
25	25	1.00	100.00
26	26	1.00	100.00
27	27	1.00	100.00
28	28	1.00	100.00
29	29	1.00	100.00
30	30	1.00	100.00
31	31	1.00	100.00
32	32	1.00	100.00
33	33	1.00	100.00
34	34	1.00	100.00
35	35	1.00	100.00
36	36	1.00	100.00
37	37	1.00	100.00
38	38	1.00	100.00
39	39	1.00	100.00
40	40	1.00	100.00
41	41	1.00	100.00
42	42	1.00	100.00
43	43	1.00	100.00
44	44	1.00	100.00
45	45	1.00	100.00
46	46	1.00	100.00
47	47	1.00	100.00
48	48	1.00	100.00
49	49	1.00	100.00
50	50	1.00	100.00
51	51	1.00	100.00
52	52	1.00	100.00
53	53	1.00	100.00
54	54	1.00	100.00
55	55	1.00	100.00
56	56	1.00	100.00
57	57	1.00	100.00
58	58	1.00	100.00
59	59	1.00	100.00
60	60	1.00	100.00
61	61	1.00	100.00
62	62	1.00	100.00
63	63	1.00	100.00
64	64	1.00	100.00
65	65	1.00	100.00
66	66	1.00	100.00
67	67	1.00	100.00
68	68	1.00	100.00
69	69	1.00	100.00
70	70	1.00	100.00
71	71	1.00	100.00
72	72	1.00	100.00
73	73	1.00	100.00
74	74	1.00	100.00
75	75	1.00	100.00
76	76	1.00	100.00
77	77	1.00	100.00
78	78	1.00	100.00
79	79	1.00	100.00
80	80	1.00	100.00
81	81	1.00	100.00
82	82	1.00	100.00
83	83	1.00	100.00
84	84	1.00	100.00
85	85	1.00	100.00
86	86	1.00	100.00
87	87	1.00	100.00
88	88	1.00	100.00
89	89	1.00	100.00
90	90	1.00	100.00
91	91	1.00	100.00
92	92	1.00	100.00
93	93	1.00	100.00
94	94	1.00	100.00
95	95	1.00	100.00
96	96	1.00	100.00
97	97	1.00	100.00
98	98	1.00	100.00
99	99	1.00	100.00
100	100	1.00	100.00

ALBANY:

1901.

THE STATE OF NEW YORK.

THE COMMISSIONERS OF THE LAND OFFICE.

ALBANY:

1901.

REPORT OF THE COMMISSIONERS OF THE LAND OFFICE.

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW14R

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

Matrix (soil/water): WATER Lab Sample ID: 286224

Level (low/med): LOW_____ Date Received: 01/16/96

% Solids: _____0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11.3	U		P
7440-36-0	Antimony	2.5	U		P
7440-38-2	Arsenic	2.8	U		P
7440-39-3	Barium	5.4	U		P
7440-41-7	Beryllium	0.16	B		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	143	U		P
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.4	B		P
7439-89-6	Iron	10.6	U		P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	137	U		P
7439-96-5	Manganese	0.50	U		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.4	U		P
7440-09-7	Potassium	136	U		P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	187	U		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	1.6	U		P
7440-66-6	Zinc	0.99	B		P
	Cyanide	5.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_____ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_____ Artifacts: _____

Comments:

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: INCHCAPE_ENVIRONMENTAL_____

Contract: 93206_____

Lab Code: INCHVT

Case No.: OBASH_

SAS No.: _____

SDG No.: 56202_

Initial Calibration Source: VENTURES_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	26000.0	25630.00	98.6	30200.0	30190.00	100.0	30330.00	100.4	P
Antimony	250.0	243.20	97.3	300.0	306.40	102.1	311.20	103.7	P
Arsenic	250.0	255.60	102.2	100.0	100.40	100.4	101.40	101.4	P
Barium	500.0	488.80	97.8	200.0	202.70	101.4	204.20	102.1	P
Beryllium	500.0	503.60	100.7	100.0	100.70	100.7	100.80	100.8	P
Cadmium	500.0	495.20	99.0	100.0	99.61	99.6	99.42	99.4	P
Calcium	25000.0	25360.00	101.4	30200.0	30450.00	100.8	30450.00	100.8	P
Chromium	500.0	495.30	99.1	200.0	202.70	101.4	203.30	101.6	P
Cobalt	500.0	494.90	99.0	200.0	199.60	99.8	199.80	99.9	P
Copper	500.0	496.70	99.3	200.0	204.50	102.2	206.90	103.4	P
Iron	25500.0	26380.00	103.5	30200.0	30480.00	100.9	30460.00	100.9	P
Lead	1000.0	1008.00	100.8	400.0	406.90	101.7	404.80	101.2	P
Magnesium	25000.0	24980.00	99.9	30200.0	30300.00	100.3	30530.00	101.1	P
Manganese	500.0	498.60	99.7	200.0	200.60	100.3	200.80	100.4	P
Mercury	1.8	1.89	105.0	3.0	3.06	102.0	3.05	101.7	CV
Nickel	500.0	492.70	98.5	200.0	201.40	100.7	204.20	102.1	P
Potassium	25000.0	26810.00	107.2	30200.0	31540.00	104.4	31850.00	105.5	P
Selenium	250.0	251.50	100.6	100.0	99.25	99.2	104.00	104.0	P
Silver	500.0	503.90	100.8	100.0	102.20	102.2	102.70	102.7	P
Sodium	25000.0	24440.00	97.8	30200.0	29580.00	97.9	29930.00	99.1	P
Thallium	250.0	234.40	93.8	100.0	104.70	104.7	102.50	102.5	P
Vanadium	500.0	499.90	100.0	200.0	200.30	100.2	201.00	100.5	P
Zinc	500.0	499.80	100.0	200.0	207.20	103.6	209.00	104.5	P
Cyanide	120.0	109.00	90.8	150.0	141.00	94.0	142.00	94.7	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

1. The first part of the document is a list of names.

2. The second part of the document is a list of names.

3. The third part of the document is a list of names.

No.	First Name			Last Name			Address
	First	Middle	Last	First	Middle	Last	
1	John	Robert	Smith	John	Robert	Smith	123 Main St.
2	Jane	Elizabeth	Johnson	Jane	Elizabeth	Johnson	456 Oak St.
3	William	Charles	Brown	William	Charles	Brown	789 Pine St.
4	Mary	Ann	White	Mary	Ann	White	101 Elm St.
5	James	Henry	Black	James	Henry	Black	202 Cedar St.
6	Elizabeth	Marie	Green	Elizabeth	Marie	Green	303 Birch St.
7	Robert	David	Gray	Robert	David	Gray	404 Spruce St.
8	Patricia	Louise	Miller	Patricia	Louise	Miller	505 Willow St.
9	Richard	Thomas	Wells	Richard	Thomas	Wells	606 Ash St.
10	Susan	Karen	Young	Susan	Karen	Young	707 Hickory St.
11	Michael	Joseph	King	Michael	Joseph	King	808 Magnolia St.
12	Linda	Ann	Scott	Linda	Ann	Scott	909 Dogwood St.
13	Christopher	William	Lee	Christopher	William	Lee	1010 Redwood St.
14	Nancy	Grace	Harris	Nancy	Grace	Harris	1111 Sycamore St.
15	David	Michael	Clark	David	Michael	Clark	1212 Juniper St.
16	Barbara	Ann	Wright	Barbara	Ann	Wright	1313 Cypress St.
17	Steven	Robert	Turner	Steven	Robert	Turner	1414 Fir St.
18	Karen	Elizabeth	Phillips	Karen	Elizabeth	Phillips	1515 Hemlock St.
19	Thomas	James	Campbell	Thomas	James	Campbell	1616 Alder St.
20	Michelle	Ann	Stevens	Michelle	Ann	Stevens	1717 Poplar St.
21	Gregory	William	Adams	Gregory	William	Adams	1818 Willow St.
22	Christina	Louise	Nelson	Christina	Louise	Nelson	1919 Spruce St.
23	Anthony	Joseph	Baker	Anthony	Joseph	Baker	2020 Cedar St.
24	Deborah	Ann	Walker	Deborah	Ann	Walker	2121 Birch St.
25	Joseph	Robert	Price	Joseph	Robert	Price	2222 Ash St.
26	Kimberly	Marie	Evans	Kimberly	Marie	Evans	2323 Willow St.
27	Charles	David	Roberts	Charles	David	Roberts	2424 Spruce St.
28	Patricia	Louise	King	Patricia	Louise	King	2525 Cedar St.
29	Richard	Thomas	Wells	Richard	Thomas	Wells	2626 Birch St.
30	Susan	Karen	Young	Susan	Karen	Young	2727 Ash St.

4. The fourth part of the document is a list of names.

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

Initial Calibration Source: VENTURES_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				30200.0	30530.00	101.1	30800.00	102.0	P
Antimony				300.0	311.70	103.9	312.00	104.0	P
Arsenic				100.0	98.36	98.4	104.40	104.4	P
Barium				200.0	204.80	102.4	205.30	102.6	P
Beryllium				100.0	100.90	100.9	101.60	101.6	P
Cadmium				100.0	98.64	98.6	99.68	99.7	P
Calcium				30200.0	30580.00	101.3	30820.00	102.1	P
Chromium				200.0	204.20	102.1	205.50	102.8	P
Cobalt				200.0	199.70	99.8	201.10	100.6	P
Copper				200.0	208.40	104.2	209.70	104.8	P
Iron				30200.0	30540.00	101.1	30690.00	101.6	P
Lead				400.0	405.20	101.3	411.30	102.8	P
Magnesium				30200.0	30650.00	101.5	30830.00	102.1	P
Manganese				200.0	200.50	100.2	201.70	100.8	P
Mercury				3.0	2.99	99.7	3.05	101.7	CV
Nickel				200.0	205.10	102.6	204.50	102.2	P
Potassium				30200.0	32060.00	106.2	32160.00	106.5	P
Selenium				100.0	99.53	99.5	100.80	100.8	P
Silver				100.0	103.20	103.2	103.90	103.9	P
Sodium				30200.0	30050.00	99.5	30130.00	99.8	P
Thallium				100.0	101.80	101.8	104.10	104.1	P
Vanadium				200.0	200.00	100.0	201.00	100.5	P
Zinc				200.0	210.90	105.4	212.30	106.2	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2B

CRDL STANDARD FOR AA AND ICP

Lab Name: INCHCAPE_ENVIRONMENTAL_____

Contract: 93206_____

Lab Code: INCHVT

Case No.: OBASH_

SAS No.: _____

SDG No.: 56202_

AA CRDL Standard Source: VENTURES_____

ICP CRDL Standard Source: VENTURES_____

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony				120.0	128.80	107.3	129.70	108.1
Arsenic				20.0	20.25	101.2	20.11	100.6
Barium								
Beryllium				10.0	10.44	104.4	10.83	108.3
Cadmium				10.0	10.55	105.5	10.14	101.4
Calcium								
Chromium				20.0	21.04	105.2	20.79	104.0
Cobalt				100.0	102.30	102.3	102.70	102.7
Copper				50.0	51.40	102.8	53.16	106.3
Iron								
Lead				6.0	6.21	103.5	5.42	90.3
Magnesium								
Manganese				30.0	31.07	103.6	31.10	103.7
Mercury	0.2	0.12	60.0					
Nickel				80.0	82.69	103.4	83.02	103.8
Potassium								
Selenium				10.0	12.25	122.5	9.29	92.9
Silver				20.0	21.25	106.2	21.07	105.4
Sodium								
Thallium				20.0	21.95	109.8	21.21	106.0
Vanadium				100.0	104.50	104.5	104.90	104.9
Zinc				40.0	42.53	106.3	43.13	107.8

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3
BLANKS

Lab Name: INCHCAPE_ENVIRONMENTAL_____

Contract: 93206_____

Lab Code: INCHVT

Case No.: OBASH_

SAS No.: _____

SDG No.: 56202_

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

Analyte	Initial Calib. Blank (ug/L) C		Continuing Calibration Blank (ug/L)						Preparation Blank C		M
	1	C	2	C	3	C					
Aluminum	11.3	U	11.3	U	11.3	U	11.3	U	11.300	U	P
Antimony	2.5	U	2.5	U	2.5	U	2.5	U	2.500	U	P
Arsenic	2.8	U	2.8	U	2.8	U	2.8	U	3.648	B	P
Barium	5.4	U	5.4	U	5.4	U	5.4	U	5.400	U	P
Beryllium	0.1	B	0.1	B	0.2	B	0.4	B	0.102	B	P
Cadmium	0.3	U	0.3	B	0.3	U	0.3	U	0.300	U	P
Calcium	142.8	U	142.8	U	142.8	U	142.8	U	142.800	U	P
Chromium	0.6	U	0.6	U	0.6	U	0.6	U	0.600	U	P
Cobalt	1.4	U	1.4	U	1.4	U	1.4	U	1.400	U	P
Copper	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Iron	10.6	U	11.0	B	10.6	U	10.6	U	10.600	U	P
Lead	1.6	U	1.6	U	1.6	U	1.6	U	1.600	U	P
Magnesium	136.8	U	136.8	U	136.8	U	136.8	U	136.800	U	P
Manganese	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Mercury	0.1	U	0.1	U	0.1	U	-0.1	B	0.100	U	CV
Nickel	1.4	U	1.4	U	1.4	U	1.4	U	1.400	U	P
Potassium	136.4	U	136.4	U	136.4	U	136.4	U	136.400	U	P
Selenium	-2.9	B	2.2	U	2.2	U	2.2	U	2.200	U	P
Silver	0.7	U	0.7	B	-0.9	B	0.7	U	0.700	U	P
Sodium	186.9	U	186.9	U	186.9	U	186.9	U	186.900	U	P
Thallium	2.3	U	2.3	U	2.3	U	2.3	U	2.718	B	P
Vanadium	1.6	U	1.6	U	1.6	U	1.6	U	1.600	U	P
Zinc	0.7	U	0.7	U	0.7	U	0.7	U	0.700	U	P
Cyanide	10.0	U	10.0	U	10.0	U			5.000	U	AS

Table

Table 1. Summary of the data for the first 100 subjects. The table shows the mean and standard deviation for each variable. The variables are: Age, Sex, Education, Income, and Health Status. The data is presented in a table with 5 columns and 100 rows.

Subject ID	Age	Sex	Education	Income	Health Status
1	25	M	High School	\$15,000	Good
2	30	F	College	\$20,000	Fair
3	35	M	High School	\$18,000	Good
4	40	F	College	\$22,000	Fair
5	45	M	High School	\$16,000	Good
6	50	F	College	\$21,000	Fair
7	55	M	High School	\$17,000	Good
8	60	F	College	\$23,000	Fair
9	65	M	High School	\$19,000	Good
10	70	F	College	\$24,000	Fair
11	75	M	High School	\$20,000	Good
12	80	F	College	\$25,000	Fair
13	85	M	High School	\$21,000	Good
14	90	F	College	\$26,000	Fair
15	95	M	High School	\$22,000	Good
16	100	F	College	\$27,000	Fair
17	105	M	High School	\$23,000	Good
18	110	F	College	\$28,000	Fair
19	115	M	High School	\$24,000	Good
20	120	F	College	\$29,000	Fair
21	125	M	High School	\$25,000	Good
22	130	F	College	\$30,000	Fair
23	135	M	High School	\$26,000	Good
24	140	F	College	\$31,000	Fair
25	145	M	High School	\$27,000	Good
26	150	F	College	\$32,000	Fair
27	155	M	High School	\$28,000	Good
28	160	F	College	\$33,000	Fair
29	165	M	High School	\$29,000	Good
30	170	F	College	\$34,000	Fair
31	175	M	High School	\$30,000	Good
32	180	F	College	\$35,000	Fair
33	185	M	High School	\$31,000	Good
34	190	F	College	\$36,000	Fair
35	195	M	High School	\$32,000	Good
36	200	F	College	\$37,000	Fair
37	205	M	High School	\$33,000	Good
38	210	F	College	\$38,000	Fair
39	215	M	High School	\$34,000	Good
40	220	F	College	\$39,000	Fair
41	225	M	High School	\$35,000	Good
42	230	F	College	\$40,000	Fair
43	235	M	High School	\$36,000	Good
44	240	F	College	\$41,000	Fair
45	245	M	High School	\$37,000	Good
46	250	F	College	\$42,000	Fair
47	255	M	High School	\$38,000	Good
48	260	F	College	\$43,000	Fair
49	265	M	High School	\$39,000	Good
50	270	F	College	\$44,000	Fair
51	275	M	High School	\$40,000	Good
52	280	F	College	\$45,000	Fair
53	285	M	High School	\$41,000	Good
54	290	F	College	\$46,000	Fair
55	295	M	High School	\$42,000	Good
56	300	F	College	\$47,000	Fair
57	305	M	High School	\$43,000	Good
58	310	F	College	\$48,000	Fair
59	315	M	High School	\$44,000	Good
60	320	F	College	\$49,000	Fair
61	325	M	High School	\$45,000	Good
62	330	F	College	\$50,000	Fair
63	335	M	High School	\$46,000	Good
64	340	F	College	\$51,000	Fair
65	345	M	High School	\$47,000	Good
66	350	F	College	\$52,000	Fair
67	355	M	High School	\$48,000	Good
68	360	F	College	\$53,000	Fair
69	365	M	High School	\$49,000	Good
70	370	F	College	\$54,000	Fair
71	375	M	High School	\$50,000	Good
72	380	F	College	\$55,000	Fair
73	385	M	High School	\$51,000	Good
74	390	F	College	\$56,000	Fair
75	395	M	High School	\$52,000	Good
76	400	F	College	\$57,000	Fair
77	405	M	High School	\$53,000	Good
78	410	F	College	\$58,000	Fair
79	415	M	High School	\$54,000	Good
80	420	F	College	\$59,000	Fair
81	425	M	High School	\$55,000	Good
82	430	F	College	\$60,000	Fair
83	435	M	High School	\$56,000	Good
84	440	F	College	\$61,000	Fair
85	445	M	High School	\$57,000	Good
86	450	F	College	\$62,000	Fair
87	455	M	High School	\$58,000	Good
88	460	F	College	\$63,000	Fair
89	465	M	High School	\$59,000	Good
90	470	F	College	\$64,000	Fair
91	475	M	High School	\$60,000	Good
92	480	F	College	\$65,000	Fair
93	485	M	High School	\$61,000	Good
94	490	F	College	\$66,000	Fair
95	495	M	High School	\$62,000	Good
96	500	F	College	\$67,000	Fair
97	505	M	High School	\$63,000	Good
98	510	F	College	\$68,000	Fair
99	515	M	High School	\$64,000	Good
100	520	F	College	\$69,000	Fair

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3
BLANKS

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank	C	M
			1	C	2	C	3	C			
Aluminum			11.3	U							P
Antimony			2.5	U							P
Arsenic			2.8	U							P
Barium			5.4	U							P
Beryllium			0.5	B							P
Cadmium			0.3	U							P
Calcium			142.8	U							P
Chromium			0.6	U							P
Cobalt			1.4	U							P
Copper			1.0	U							P
Iron			10.6	U							P
Lead			1.6	U							P
Magnesium			136.8	U							P
Manganese			0.5	U							P
Mercury			0.1	U							CV
Nickel			1.4	U							P
Potassium			136.4	U							P
Selenium			2.2	U							P
Silver			0.7	U							P
Sodium			186.9	U							P
Thallium			2.3	U							P
Vanadium			1.6	U							P
Zinc			0.7	U							P
Cyanide											NR

Report

The following information was obtained from the records of the Department of Health and Human Services, Office of the Assistant Secretary for Health, regarding the activities of the National Center for Human Genome Research, Inc. (NCHGR) during the period from January 1, 1980, to December 31, 1980.

Date	Activity	Amount (Dollars)		Total	Balance
		Debit	Credit		
1/1/80	Balance			100.00	100.00
1/15/80	Check #1001	50.00		50.00	50.00
2/1/80	Check #1002	25.00		25.00	25.00
2/15/80	Check #1003	25.00		25.00	0.00
3/1/80	Check #1004	25.00		25.00	0.00
3/15/80	Check #1005	25.00		25.00	0.00
4/1/80	Check #1006	25.00		25.00	0.00
4/15/80	Check #1007	25.00		25.00	0.00
5/1/80	Check #1008	25.00		25.00	0.00
5/15/80	Check #1009	25.00		25.00	0.00
6/1/80	Check #1010	25.00		25.00	0.00
6/15/80	Check #1011	25.00		25.00	0.00
7/1/80	Check #1012	25.00		25.00	0.00
7/15/80	Check #1013	25.00		25.00	0.00
8/1/80	Check #1014	25.00		25.00	0.00
8/15/80	Check #1015	25.00		25.00	0.00
9/1/80	Check #1016	25.00		25.00	0.00
9/15/80	Check #1017	25.00		25.00	0.00
10/1/80	Check #1018	25.00		25.00	0.00
10/15/80	Check #1019	25.00		25.00	0.00
11/1/80	Check #1020	25.00		25.00	0.00
11/15/80	Check #1021	25.00		25.00	0.00
12/1/80	Check #1022	25.00		25.00	0.00
12/15/80	Check #1023	25.00		25.00	0.00
1/1/81	Check #1024	25.00		25.00	0.00
1/15/81	Check #1025	25.00		25.00	0.00
2/1/81	Check #1026	25.00		25.00	0.00
2/15/81	Check #1027	25.00		25.00	0.00
3/1/81	Check #1028	25.00		25.00	0.00
3/15/81	Check #1029	25.00		25.00	0.00
4/1/81	Check #1030	25.00		25.00	0.00
4/15/81	Check #1031	25.00		25.00	0.00
5/1/81	Check #1032	25.00		25.00	0.00
5/15/81	Check #1033	25.00		25.00	0.00
6/1/81	Check #1034	25.00		25.00	0.00
6/15/81	Check #1035	25.00		25.00	0.00
7/1/81	Check #1036	25.00		25.00	0.00
7/15/81	Check #1037	25.00		25.00	0.00
8/1/81	Check #1038	25.00		25.00	0.00
8/15/81	Check #1039	25.00		25.00	0.00
9/1/81	Check #1040	25.00		25.00	0.00
9/15/81	Check #1041	25.00		25.00	0.00
10/1/81	Check #1042	25.00		25.00	0.00
10/15/81	Check #1043	25.00		25.00	0.00
11/1/81	Check #1044	25.00		25.00	0.00
11/15/81	Check #1045	25.00		25.00	0.00
12/1/81	Check #1046	25.00		25.00	0.00
12/15/81	Check #1047	25.00		25.00	0.00
1/1/82	Check #1048	25.00		25.00	0.00
1/15/82	Check #1049	25.00		25.00	0.00
2/1/82	Check #1050	25.00		25.00	0.00
2/15/82	Check #1051	25.00		25.00	0.00
3/1/82	Check #1052	25.00		25.00	0.00
3/15/82	Check #1053	25.00		25.00	0.00
4/1/82	Check #1054	25.00		25.00	0.00
4/15/82	Check #1055	25.00		25.00	0.00
5/1/82	Check #1056	25.00		25.00	0.00
5/15/82	Check #1057	25.00		25.00	0.00
6/1/82	Check #1058	25.00		25.00	0.00
6/15/82	Check #1059	25.00		25.00	0.00
7/1/82	Check #1060	25.00		25.00	0.00
7/15/82	Check #1061	25.00		25.00	0.00
8/1/82	Check #1062	25.00		25.00	0.00
8/15/82	Check #1063	25.00		25.00	0.00
9/1/82	Check #1064	25.00		25.00	0.00
9/15/82	Check #1065	25.00		25.00	0.00
10/1/82	Check #1066	25.00		25.00	0.00
10/15/82	Check #1067	25.00		25.00	0.00
11/1/82	Check #1068	25.00		25.00	0.00
11/15/82	Check #1069	25.00		25.00	0.00
12/1/82	Check #1070	25.00		25.00	0.00
12/15/82	Check #1071	25.00		25.00	0.00
1/1/83	Check #1072	25.00		25.00	0.00
1/15/83	Check #1073	25.00		25.00	0.00
2/1/83	Check #1074	25.00		25.00	0.00
2/15/83	Check #1075	25.00		25.00	0.00
3/1/83	Check #1076	25.00		25.00	0.00
3/15/83	Check #1077	25.00		25.00	0.00
4/1/83	Check #1078	25.00		25.00	0.00
4/15/83	Check #1079	25.00		25.00	0.00
5/1/83	Check #1080	25.00		25.00	0.00
5/15/83	Check #1081	25.00		25.00	0.00
6/1/83	Check #1082	25.00		25.00	0.00
6/15/83	Check #1083	25.00		25.00	0.00
7/1/83	Check #1084	25.00		25.00	0.00
7/15/83	Check #1085	25.00		25.00	0.00
8/1/83	Check #1086	25.00		25.00	0.00
8/15/83	Check #1087	25.00		25.00	0.00
9/1/83	Check #1088	25.00		25.00	0.00
9/15/83	Check #1089	25.00		25.00	0.00
10/1/83	Check #1090	25.00		25.00	0.00
10/15/83	Check #1091	25.00		25.00	0.00
11/1/83	Check #1092	25.00		25.00	0.00
11/15/83	Check #1093	25.00		25.00	0.00
12/1/83	Check #1094	25.00		25.00	0.00
12/15/83	Check #1095	25.00		25.00	0.00
1/1/84	Check #1096	25.00		25.00	0.00
1/15/84	Check #1097	25.00		25.00	0.00
2/1/84	Check #1098	25.00		25.00	0.00
2/15/84	Check #1099	25.00		25.00	0.00
3/1/84	Check #1100	25.00		25.00	0.00
3/15/84	Check #1101	25.00		25.00	0.00
4/1/84	Check #1102	25.00		25.00	0.00
4/15/84	Check #1103	25.00		25.00	0.00
5/1/84	Check #1104	25.00		25.00	0.00
5/15/84	Check #1105	25.00		25.00	0.00
6/1/84	Check #1106	25.00		25.00	0.00
6/15/84	Check #1107	25.00		25.00	0.00
7/1/84	Check #1108	25.00		25.00	0.00
7/15/84	Check #1109	25.00		25.00	0.00
8/1/84	Check #1110	25.00		25.00	0.00
8/15/84	Check #1111	25.00		25.00	0.00
9/1/84	Check #1112	25.00		25.00	0.00
9/15/84	Check #1113	25.00		25.00	0.00
10/1/84	Check #1114	25.00		25.00	0.00
10/15/84	Check #1115	25.00		25.00	0.00
11/1/84	Check #1116	25.00		25.00	0.00
11/15/84	Check #1117	25.00		25.00	0.00
12/1/84	Check #1118	25.00		25.00	0.00
12/15/84	Check #1119	25.00		25.00	0.00
1/1/85	Check #1120	25.00		25.00	0.00
1/15/85	Check #1121	25.00		25.00	0.00
2/1/85	Check #1122	25.00		25.00	0.00
2/15/85	Check #1123	25.00		25.00	0.00
3/1/85	Check #1124	25.00		25.00	0.00
3/15/85	Check #1125	25.00		25.00	0.00
4/1/85	Check #1126	25.00		25.00	0.00
4/15/85	Check #1127	25.00		25.00	0.00
5/1/85	Check #1128	25.00		25.00	0.00
5/15/85	Check #1129	25.00		25.00	0.00
6/1/85	Check #1130	25.00		25.00	0.00
6/15/85	Check #1131	25.00		25.00	0.00
7/1/85	Check #1132	25.00		25.00	0.00
7/15/85	Check #1133	25.00		25.00	0.00
8/1/85	Check #1134	25.00		25.00	0.00
8/15/85	Check #1135	25.00		25.00	0.00
9/1/85	Check #1136	25.00		25.00	0.00
9/15/85	Check #1137	25.00		25.00	0.00
10/1/85	Check #1138	25.00		25.00	0.00
10/15/85	Check #1139	25.00		25.00	0.00
11/1/85	Check #1140	25.00		25.00	0.00
11/15/85	Check #1141	25.00		25.00	0.00
12/1/85	Check #1142	25.00		25.00	0.00
12/15/85	Check #1143	25.00		25.00	0.00
1/1/86	Check #1144	25.00		25.00	0.00
1/15/86	Check #1145	25.00		25.00	0.00
2/1/86	Check #1146	25.00		25.00	0.00
2/15/86	Check #1147	25.00		25.00	0.00
3/1/86	Check #1148	25.00		25.00	0.00
3/15/86	Check #1149	25.00		25.00	0.00
4/1/86	Check #1150	25.00		25.00	0.00
4/15/86	Check #1151	25.00		25.00	0.00
5/1/86	Check #1152	25.00		25.00	0.00
5/15/86	Check #1153	25.00		25.00	0.00
6/1/86	Check #1154	25.00		25.00	0.00
6/15/86	Check #1155	25.00		25.00	0.00
7/1/86	Check #1156	25.00		25.00	0.00
7/15/86	Check #1157	25.00		25.00	0.00
8/1/86	Check #1158	25.00		25.00	0.00
8/15/86	Check #1159	25.00		25.00	0.00
9/1/86	Check #1160	25.00		25.00	0.00
9/15/86	Check #1161	25.00		25.00	0.00
10/1/86	Check #1162	25.00		25.00	0.00
10/15/86	Check #1163	25.00		25.00	0.00
11/1/86	Check #1164	25.00		25.00	0.00
11/15/86	Check #1165	25.00		25.00	0.00
12/1/86	Check #1166	25.00		25.00	0.00
12/15/86	Check #1167	25.00		25.00	0.00
1/1/87	Check #1168	25.00		25.00	0.00
1/15/87	Check #1169	25.00		25.00	0.00
2/1/87	Check #1170	25.00		25.00	0.00
2/15/87	Check #1171	25.00		25.00	0.00
3/1/87	Check #1172	25.00		25.00	0.00
3/15/87	Check #1173	25.00		25.00	0.00
4/1/87	Check #1174	25.00		25.00	0.00
4/15/87	Check #1175	25.00		25.00	0.00
5/1/87	Check #1176	25.00		25.00	0.00
5/15/87	Check #1177	25.00		25.00	0.00
6/1/87	Check #1178	25.00		25.00	0.00
6/15/87	Check #1179	25.00		25.00	0.00
7/1/87	Check #1180	25.00		25.00	0.00
7/15/87	Check #1181	25.00		25.00	0.00
8/1/87	Check #1182	25.00		25.00	0.00
8/15/87	Check #1183	25.00		25.00	0.00
9/1/87	Check #1184	25.00		25.00	0.00
9/15/87	Check #1185	25.00		25.00	0.00
10/1/87	Check #1186	25.00		25.00	0.00
10/15/87	Check #1187	25.00		25.00	0.00
11/1/87	Check #1188	25.00		25.00	0.00
11/15/87	Check #1189	25.00		25.00	0.00
12/1/87	Check #1190	25.00		25.00	0.00
12/15/87	Check #1191	25.00		25.00	0.00
1/1/88	Check #1192	25.00		25.00	0.00
1/15/88	Check #1193	25.00		25.00	0.00
2/1/88	Check #1194	25.00		25.00	0.00
2/15/88	Check #1195	25.00		25.00	0.00
3/1/88	Check #1196	25.00		25.00	0.00
3/15/88	Check #1197	25.00		25.	

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ICP INTERFERENCE CHECK SAMPLE

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No: _____ SDG No.: 56202_

ICP ID Number: ICP TJA 61E_ ICS Source: VENTURES_____

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum	500000	478686	466500	469900.0	98.2	472200	476500.0	99.5
Antimony	0	594	1	611.2	102.9	-3	620.1	104.4
Arsenic	0	99	5	102.6	103.6	5	102.6	103.6
Barium	0	494	1	494.2	100.0	1	500.4	101.3
Beryllium	0	478	0	483.1	101.1	0	483.8	101.2
Cadmium	0	907	6	919.5	101.4	7	917.3	101.1
Calcium	500000	478186	468200	472300.0	98.8	472100	476900.0	99.7
Chromium	0	472	4	474.1	100.4	3	480.7	101.8
Cobalt	0	463	0	468.7	101.2	0	471.0	101.7
Copper	0	530	3	526.7	99.4	4	538.4	101.6
Iron	200000	192186	188500	192500.0	100.2	189100	194400.0	101.2
Lead	0	53	7	53.7	101.3	6	56.9	107.4
Magnesium	500000	507629	507500	502500.0	99.0	513800	511600.0	100.8
Manganese	0	478	2	482.1	100.9	2	482.8	101.0
Mercury								
Nickel	0	904	3	910.8	100.8	3	931.2	103.0
Potassium	0	0	19	25.1		34	43.9	
Selenium	0	49	5	53.2	108.6	0	51.1	104.3
Silver	0	205	1	208.2	101.6	1	212.5	103.7
Sodium	0	0	54	231.1		2	200.3	
Thallium	0	96	0	101.3	105.5	3	105.5	109.9
Vanadium	0	479	2	479.7	100.1	2	484.7	101.2
Zinc	0	986	23	986.0	100.0	24	1009.0	102.3

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LABORATORY CONTROL SAMPLE

Lab Name: INCHCAPE_ENVIRONMENTAL_____

Contract: 93206_____

Lab Code: INCHVT

Case No.: OBASH_

SAS No.: _____

SDG No.: 56202_

Solid LCS Source: _____

Aqueous LCS Source: VENTURES_____

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum	51000.0	50550.00	99.1						
Antimony	2000.0	2113.00	105.6						
Arsenic	1050.0	1105.00	105.2						
Barium	500.0	487.90	97.6						
Beryllium	500.0	503.40	100.7						
Cadmium	525.0	509.80	97.1						
Calcium	50000.0	50310.00	100.6						
Chromium	500.0	493.80	98.8						
Cobalt	500.0	487.10	97.4						
Copper	500.0	501.20	100.2						
Iron	50500.0	51410.00	101.8						
Lead	1015.0	1013.00	99.8						
Magnesium	50000.0	49860.00	99.7						
Manganese	500.0	493.40	98.7						
Mercury	1.0	0.92	92.2						
Nickel	500.0	488.90	97.8						
Potassium	50000.0	49740.00	99.5						
Selenium	25.0	25.52	102.1						
Silver	500.0	497.20	99.4						
Sodium	50000.0	50450.00	100.9						
Thallium	50.0	50.40	100.8						
Vanadium	500.0	491.40	98.3						
Zinc	500.0	501.60	100.3						
Cyanide									

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STANDARD ADDITION RESULTS

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

[illegible]

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ICP SERIAL DILUTION

EPA SAMPLE NO.

MW14L

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

Matrix (soil/water): WATER Level (low/med): LOW_

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum	56.50	B	66.06	B	16.9		P
Antimony	2.50	U	12.50	U			P
Arsenic	2.80	U	14.00	U			P
Barium	46.06	B	45.43	B	1.4		P
Beryllium	0.17	B	0.93	B	447.1		P
Cadmium	0.30	U	1.50	U			P
Calcium	158600.00		159700.00		0.7		P
Chromium	0.60	U	3.00	U			P
Cobalt	1.40	U	7.00	U			P
Copper	1.00	U	5.00	U			P
Iron	92.44	B	131.60	B	42.4		P
Lead	1.60	U	8.00	U			P
Magnesium	32770.00		32380.00		1.2		P
Manganese	1.20	B	2.50	U	100.0		P
Mercury							NR
Nickel	1.40	U	7.86	B			P
Potassium	1427.00	B	1540.00	B	7.9		P
Selenium	2.20	U	11.00	U			P
Silver	0.70	U	3.50	U			P
Sodium	30170.00		28900.00		4.2		P
Thallium	2.30	U	11.50	U			P
Vanadium	1.60	U	8.00	U			P
Zinc	3.84	B	8.64	B	125.0		P

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Instrument Detection Limits (Quarterly)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

ICP ID Number: ICP_TJA_61E_ Date: 01/01/96

Flame AA ID Number : _____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	11.3	P
Antimony	206.84		60	2.5	P
Arsenic	189.04		10	2.8	P
Barium	493.41		200	5.4	P
Beryllium	313.04		5	0.1	P
Cadmium	226.50		5	0.3	P
Calcium	317.93		5000	142.8	P
Chromium	267.72		10	0.6	P
Cobalt	228.62		3	1.4	P
Copper	324.75		25	1.0	P
Iron	271.44		100	10.6	P
Lead	220.35		3	1.6	P
Magnesium	279.08		5000	136.8	P
Manganese	257.61		15	0.5	P
Mercury			0.2		NR
Nickel	231.60		40	1.4	P
Potassium	766.49		5000	136.4	P
Selenium	196.03		5	2.2	P
Silver	328.07		10	0.7	P
Sodium	330.23		5000	186.9	P
Thallium	190.86		10	2.3	P
Vanadium	292.40		50	1.6	P
Zinc	213.86		20	0.7	P

Comments:

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Report Title: [Illegible]
 Report Number: [Illegible]
 Date: [Illegible]
 Author: [Illegible]
 Reviewer: [Illegible]
 Status: [Illegible]

Item	Weight (g)	Volume (ml)	Concentration (%)	Notes
1	100	10	10	
2	200	20	20	
3	300	30	30	
4	400	40	40	
5	500	50	50	
6	600	60	60	
7	700	70	70	
8	800	80	80	
9	900	90	90	
10	1000	100	100	
11	1100	110	110	
12	1200	120	120	
13	1300	130	130	
14	1400	140	140	
15	1500	150	150	
16	1600	160	160	
17	1700	170	170	
18	1800	180	180	
19	1900	190	190	
20	2000	200	200	
21	2100	210	210	
22	2200	220	220	
23	2300	230	230	
24	2400	240	240	
25	2500	250	250	
26	2600	260	260	
27	2700	270	270	
28	2800	280	280	
29	2900	290	290	
30	3000	300	300	

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Instrument Detection Limits (Quarterly)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

ICP ID Number: _____ Date: 01/01/96

Flame AA ID Number : PS200_____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			3		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.70		0.2	0.1	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

Comments:

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Instrument Detection Limits (Quarterly)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

ICP ID Number: _____ Date: 01/01/96

Flame AA ID Number : PS1214_____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			3		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury			0.2		NR
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

Comments:

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ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

ICP ID Number: ICP TJA 61E_ Date: 01/01/96

Analyte	Wave-length (nm)	Interelement Correction Factors for :				
		Al	Ca	Fe	Mg	CO_
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000400	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0001035	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0000596	-0.0000184	0.0000823	0.0000111	-0.0048710
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	-0.0011240
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	-0.0001999	0.0000000	-0.0000465
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	-0.0000100	0.0000000	-0.0000800	0.0000000	0.0049700
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

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ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

ICP ID Number: ICP TJA 61E_ Date: 01/01/96

Analyte	Wave-length (nm)	Interelement Correction Factors for :				
		CR_	MN_	NI_	V_	_____
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0264000	
Antimony	206.84	0.0050400	0.0000000	-0.0002668	-0.0036670	
Arsenic	189.04	-0.0029900	0.0000000	0.0000000	0.0000000	
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0011400	
Cadmium	226.50	0.0000000	0.0000000	-0.0000329	0.0000000	
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	
Chromium	267.72	0.0000000	0.0000704	0.0000000	-0.0000540	
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	
Lead	220.35	-0.0001864	0.0000279	0.0002131	-0.0006255	
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	
Mercury						
Nickel	231.60	0.0000000	-0.0001310	0.0000000	0.0000000	
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	
Selenium	196.03	0.0000000	0.0002108	0.0000000	0.0000188	
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	
Thallium	190.86	0.0003750	-0.0005820	0.0000000	0.0036030	
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	
Zinc	213.86	0.0000000	0.0000000	0.0000000	0.0000000	

Comments:

STATE OF TEXAS

IN SENATE, FEBRUARY 1, 1907.
 REPORT OF THE
 COMMISSIONER OF THE GENERAL LAND OFFICE
 FOR THE YEAR 1906.

LANDS BELONGING TO THE STATE OF TEXAS					AMOUNT	
IN SECTIONS					OF LAND	IN SQUARE MILES
SECTION	TOWNSHIP	RANGE	COUNTY	STATE	ACRES	SQ. MILES
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
21	21	21	21	21	21	21
22	22	22	22	22	22	22
23	23	23	23	23	23	23
24	24	24	24	24	24	24
25	25	25	25	25	25	25
26	26	26	26	26	26	26
27	27	27	27	27	27	27
28	28	28	28	28	28	28
29	29	29	29	29	29	29
30	30	30	30	30	30	30
31	31	31	31	31	31	31
32	32	32	32	32	32	32
33	33	33	33	33	33	33
34	34	34	34	34	34	34
35	35	35	35	35	35	35
36	36	36	36	36	36	36
37	37	37	37	37	37	37
38	38	38	38	38	38	38
39	39	39	39	39	39	39
40	40	40	40	40	40	40
41	41	41	41	41	41	41
42	42	42	42	42	42	42
43	43	43	43	43	43	43
44	44	44	44	44	44	44
45	45	45	45	45	45	45
46	46	46	46	46	46	46
47	47	47	47	47	47	47
48	48	48	48	48	48	48
49	49	49	49	49	49	49
50	50	50	50	50	50	50
51	51	51	51	51	51	51
52	52	52	52	52	52	52
53	53	53	53	53	53	53
54	54	54	54	54	54	54
55	55	55	55	55	55	55
56	56	56	56	56	56	56
57	57	57	57	57	57	57
58	58	58	58	58	58	58
59	59	59	59	59	59	59
60	60	60	60	60	60	60
61	61	61	61	61	61	61
62	62	62	62	62	62	62
63	63	63	63	63	63	63
64	64	64	64	64	64	64
65	65	65	65	65	65	65
66	66	66	66	66	66	66
67	67	67	67	67	67	67
68	68	68	68	68	68	68
69	69	69	69	69	69	69
70	70	70	70	70	70	70
71	71	71	71	71	71	71
72	72	72	72	72	72	72
73	73	73	73	73	73	73
74	74	74	74	74	74	74
75	75	75	75	75	75	75
76	76	76	76	76	76	76
77	77	77	77	77	77	77
78	78	78	78	78	78	78
79	79	79	79	79	79	79
80	80	80	80	80	80	80
81	81	81	81	81	81	81
82	82	82	82	82	82	82
83	83	83	83	83	83	83
84	84	84	84	84	84	84
85	85	85	85	85	85	85
86	86	86	86	86	86	86
87	87	87	87	87	87	87
88	88	88	88	88	88	88
89	89	89	89	89	89	89
90	90	90	90	90	90	90
91	91	91	91	91	91	91
92	92	92	92	92	92	92
93	93	93	93	93	93	93
94	94	94	94	94	94	94
95	95	95	95	95	95	95
96	96	96	96	96	96	96
97	97	97	97	97	97	97
98	98	98	98	98	98	98
99	99	99	99	99	99	99
100	100	100	100	100	100	100

APPROVED AND FORWARDED:

 COMMISSIONER OF THE GENERAL LAND OFFICE.

U.S. EPA - CLP

12

ICP LINEAR RANGES (QUARTERLY)

Lab Name: INCHCAPE_ENVIRONMENTAL_____ Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_ SAS No.: _____ SDG No.: 56202_

ICP ID Number: ICP TJA 61E_ Date: 01/01/96

Analyte	Integ. Time (sec.)	Concentration (ug/L)	M
Aluminum	10.00	500000.0	P
Antimony	10.00	50000.0	P
Arsenic	10.00	10000.0	P
Barium	10.00	10000.0	P
Beryllium	10.00	50000.0	P
Cadmium	10.00	10000.0	P
Calcium	10.00	1000000.0	P
Chromium	10.00	50000.0	P
Cobalt	10.00	50000.0	P
Copper	10.00	50000.0	P
Iron	10.00	500000.0	P
Lead	10.00	100000.0	P
Magnesium	10.00	1000000.0	P
Manganese	10.00	20000.0	P
Mercury			NR
Nickel	10.00	100000.0	P
Potassium	10.00	100000.0	P
Selenium	10.00	5000.0	P
Silver	10.00	2000.0	P
Sodium	10.00	100000.0	P
Thallium	10.00	5000.0	P
Vanadium	10.00	50000.0	P
Zinc	10.00	5000.0	P

Comments:

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No.	Author	Title	
		Original	Translated
1	A. B. C.	1875	1875
2	D. E. F.	1876	1876
3	G. H. I.	1877	1877
4	J. K. L.	1878	1878
5	M. N. O.	1879	1879
6	P. Q. R.	1880	1880
7	S. T. U.	1881	1881
8	V. W. X.	1882	1882
9	Y. Z. A.	1883	1883
10	B. C. D.	1884	1884
11	E. F. G.	1885	1885
12	H. I. J.	1886	1886
13	K. L. M.	1887	1887
14	N. O. P.	1888	1888
15	Q. R. S.	1889	1889
16	T. U. V.	1890	1890
17	W. X. Y.	1891	1891
18	Z. A. B.	1892	1892
19	C. D. E.	1893	1893
20	F. G. H.	1894	1894
21	I. J. K.	1895	1895
22	L. M. N.	1896	1896
23	O. P. Q.	1897	1897
24	R. S. T.	1898	1898
25	U. V. W.	1899	1899
26	X. Y. Z.	1900	1900
27	A. B. C.	1901	1901
28	D. E. F.	1902	1902
29	G. H. I.	1903	1903
30	J. K. L.	1904	1904
31	M. N. O.	1905	1905
32	P. Q. R.	1906	1906
33	S. T. U.	1907	1907
34	V. W. X.	1908	1908
35	Y. Z. A.	1909	1909
36	B. C. D.	1910	1910
37	E. F. G.	1911	1911
38	H. I. J.	1912	1912
39	K. L. M.	1913	1913
40	N. O. P.	1914	1914
41	Q. R. S.	1915	1915
42	T. U. V.	1916	1916
43	W. X. Y.	1917	1917
44	Z. A. B.	1918	1918
45	C. D. E.	1919	1919
46	F. G. H.	1920	1920
47	I. J. K.	1921	1921
48	L. M. N.	1922	1922
49	O. P. Q.	1923	1923
50	R. S. T.	1924	1924
51	U. V. W.	1925	1925
52	X. Y. Z.	1926	1926
53	A. B. C.	1927	1927
54	D. E. F.	1928	1928
55	G. H. I.	1929	1929
56	J. K. L.	1930	1930
57	M. N. O.	1931	1931
58	P. Q. R.	1932	1932
59	S. T. U.	1933	1933
60	V. W. X.	1934	1934
61	Y. Z. A.	1935	1935
62	B. C. D.	1936	1936
63	E. F. G.	1937	1937
64	H. I. J.	1938	1938
65	K. L. M.	1939	1939
66	N. O. P.	1940	1940
67	Q. R. S.	1941	1941
68	T. U. V.	1942	1942
69	W. X. Y.	1943	1943
70	Z. A. B.	1944	1944
71	C. D. E.	1945	1945
72	F. G. H.	1946	1946
73	I. J. K.	1947	1947
74	L. M. N.	1948	1948
75	O. P. Q.	1949	1949
76	R. S. T.	1950	1950
77	U. V. W.	1951	1951
78	X. Y. Z.	1952	1952
79	A. B. C.	1953	1953
80	D. E. F.	1954	1954
81	G. H. I.	1955	1955
82	J. K. L.	1956	1956
83	M. N. O.	1957	1957
84	P. Q. R.	1958	1958
85	S. T. U.	1959	1959
86	V. W. X.	1960	1960
87	Y. Z. A.	1961	1961
88	B. C. D.	1962	1962
89	E. F. G.	1963	1963
90	H. I. J.	1964	1964
91	K. L. M.	1965	1965
92	N. O. P.	1966	1966
93	Q. R. S.	1967	1967
94	T. U. V.	1968	1968
95	W. X. Y.	1969	1969
96	Z. A. B.	1970	1970
97	C. D. E.	1971	1971
98	F. G. H.	1972	1972
99	I. J. K.	1973	1973
100	L. M. N.	1974	1974

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1000 S. EAST

CHICAGO, ILL.

13
PREPARATION LOG

Method: P_

[illegible]

Page 1 of 1

2014-2015

1. Name: _____
 2. Address: _____
 3. City: _____
 4. State: _____
 5. Zip: _____

Year	Month	Day	Time	Location	Activity	Notes
2014	Jan	1	10:00	Room 101	Math	Test
2014	Jan	2	10:00	Room 101	Math	Test
2014	Jan	3	10:00	Room 101	Math	Test
2014	Jan	4	10:00	Room 101	Math	Test
2014	Jan	5	10:00	Room 101	Math	Test
2014	Jan	6	10:00	Room 101	Math	Test
2014	Jan	7	10:00	Room 101	Math	Test
2014	Jan	8	10:00	Room 101	Math	Test
2014	Jan	9	10:00	Room 101	Math	Test
2014	Jan	10	10:00	Room 101	Math	Test
2014	Jan	11	10:00	Room 101	Math	Test
2014	Jan	12	10:00	Room 101	Math	Test
2014	Jan	13	10:00	Room 101	Math	Test
2014	Jan	14	10:00	Room 101	Math	Test
2014	Jan	15	10:00	Room 101	Math	Test
2014	Jan	16	10:00	Room 101	Math	Test
2014	Jan	17	10:00	Room 101	Math	Test
2014	Jan	18	10:00	Room 101	Math	Test
2014	Jan	19	10:00	Room 101	Math	Test
2014	Jan	20	10:00	Room 101	Math	Test
2014	Jan	21	10:00	Room 101	Math	Test
2014	Jan	22	10:00	Room 101	Math	Test
2014	Jan	23	10:00	Room 101	Math	Test
2014	Jan	24	10:00	Room 101	Math	Test
2014	Jan	25	10:00	Room 101	Math	Test
2014	Jan	26	10:00	Room 101	Math	Test
2014	Jan	27	10:00	Room 101	Math	Test
2014	Jan	28	10:00	Room 101	Math	Test
2014	Jan	29	10:00	Room 101	Math	Test
2014	Jan	30	10:00	Room 101	Math	Test
2014	Jan	31	10:00	Room 101	Math	Test

Page 1 of 1

2014-2015

13
PREPARATION LOG

Contract: 93206

Case No.: OBASH

SAS No.:

SDG No. : 56202

[illegible]

13
PREPARATION LOG

Method: AS

[illegible]

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: INCHCAPE_ENVIRONMENTAL_____

Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_____

SAS No.: _____ SDG No.:56202_____

Instrument ID Number: ICP TJA 61E_____

Method: P_____

Start Date: 02/05/96

End Date: 02/05/96

EPA Sample No.	D/F	Time	% R	Analytes																									
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N		
SO_____	1.00	1106		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
S_____	1.00	1110					X	X	X		X	X	X				X		X		X				X	X			
S_____	1.00	1114		X						X				X		X				X			X						
S_____	1.00	1119			X	X								X		X					X			X					
ICV_____	1.00	1125		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
ICB_____	1.00	1130		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
ICSA_____	1.00	1135		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
ICSAB_____	1.00	1139		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
CRI_____	1.00	1144			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	X		
CCV_____	1.00	1149		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
CCB_____	1.00	1154		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
ZZZZZZ_____	100.00	1159																											
PBW1_____	1.00	1204		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
LCSW1_____	1.00	1209		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
MW14_____	1.00	1213		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
MW14L_____	5.00	1218		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
MW14R_____	1.00	1223		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
MW114_____	1.00	1228		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
ZZZZZZ_____	1.00	1233																											
ZZZZZZ_____	1.00	1237																											
ZZZZZZ_____	1.00	1242																											
CCV_____	1.00	1247		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
CCB_____	1.00	1252		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		
ZZZZZZ_____	5.00	1257																											
ZZZZZZ_____	1.00	1301																											
ZZZZZZ_____	1.00	1306																											
ZZZZZZ_____	1.00	1311																											
ZZZZZZ_____	1.00	1316																											
ZZZZZZ_____	1.00	1321																											
ZZZZZZ_____	1.00	1325																											
ZZZZZZ_____	1.00	1330																											
CCV_____	1.00	1335		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		

Page 1 of 1

Page 1 of 1

Page 1 of 1

Page 1 of 1

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Page 1 of 1

Page 1 of 1

Page 1 of 1

Page 1 of 1

Page 1 of 1

Table 1: Summary of Data										Table 2: Detailed Data										Table 3: Additional Data										
Category	Item	Value	Unit	Year	Month	Day	Hour	Minute	Second	Category	Item	Value	Unit	Year	Month	Day	Hour	Minute	Second	Category	Item	Value	Unit	Year	Month	Day	Hour	Minute	Second	
1	A	10	kg	2020	1	1	1	1	1	1	A	10	kg	2020	1	1	1	1	1	1	1	A	10	kg	2020	1	1	1	1	1
2	B	20	kg	2020	1	1	1	1	1	2	B	20	kg	2020	1	1	1	1	1	1	2	B	20	kg	2020	1	1	1	1	1
3	C	30	kg	2020	1	1	1	1	1	3	C	30	kg	2020	1	1	1	1	1	1	3	C	30	kg	2020	1	1	1	1	1
4	D	40	kg	2020	1	1	1	1	1	4	D	40	kg	2020	1	1	1	1	1	1	4	D	40	kg	2020	1	1	1	1	1
5	E	50	kg	2020	1	1	1	1	1	5	E	50	kg	2020	1	1	1	1	1	1	5	E	50	kg	2020	1	1	1	1	1
6	F	60	kg	2020	1	1	1	1	1	6	F	60	kg	2020	1	1	1	1	1	1	6	F	60	kg	2020	1	1	1	1	1
7	G	70	kg	2020	1	1	1	1	1	7	G	70	kg	2020	1	1	1	1	1	1	7	G	70	kg	2020	1	1	1	1	1
8	H	80	kg	2020	1	1	1	1	1	8	H	80	kg	2020	1	1	1	1	1	1	8	H	80	kg	2020	1	1	1	1	1
9	I	90	kg	2020	1	1	1	1	1	9	I	90	kg	2020	1	1	1	1	1	1	9	I	90	kg	2020	1	1	1	1	1
10	J	100	kg	2020	1	1	1	1	1	10	J	100	kg	2020	1	1	1	1	1	1	10	J	100	kg	2020	1	1	1	1	1

14
ANALYSIS RUN LOG

End Date: 02/05/96

EPA Sample No.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N
CCB	1.00	1340		$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	$\bar{X}$	
ICSA	1.00	1345		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB	1.00	1350		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CRI	1.00	1355			X	X		X	X		X	X	X		X		X		X	X		X	X	X	X	X	
CCV	1.00	1359		$\bar{X}$	X	X	$\bar{X}$	X	X	$\bar{X}$	X	X	X	$\bar{X}$	X	$\bar{X}$	X	X	$\bar{X}$	X	X	$\bar{X}$	X	X	X	X	
CCB	1.00	1404		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
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U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: INCHCAPE_ENVIRONMENTAL_____

Contract: 93206_____

Lab Code: INCHVT Case No.: OBASH_____

SAS No.: _____ SDG No.:56202_

Instrument ID Number: PS200_____

Method: CV

Start Date: 02/10/96

End Date: 02/10/96

EPA Sample No.	D/F	Time	% R	Analytes																									
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N		
S0	1.00	1406		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
S0	1.00	1409		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
S0.2	1.00	1412		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
S0.5	1.00	1416		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
S1	1.00	1419		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
S3	1.00	1422		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
S5	1.00	1425		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
ICV	1.00	1428		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
ICB	1.00	1432		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
CRA	1.00	1435		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
CCV	1.00	1438		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
CCB	1.00	1441		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1444		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1447		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1450		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1453		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1457		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1503		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1506		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1509		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CCV	1.00	1512		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
CCB	1.00	1515		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1518		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1521		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1524		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1528		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1531		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1534		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ZZZZZZ	1.00	1537		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PBW1	1.00	1540		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		
LCSW1	1.00	1543		-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-		

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ANALYSIS RUN LOG

End Date: 01/26/96

ILM02.1

