AWARE INCORPORATED

TEST BORING LOG

NO. PZ-2

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

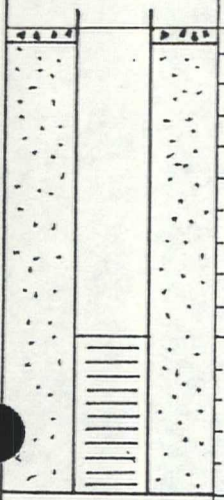
WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-16-88
DATE COMPLETED: 8-16-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION



DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
5					
10				GREY TILL	
15				15' END OF BORING	
20					
25					
30					
35					
40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-3

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6" OD SOLID STEM AUGER

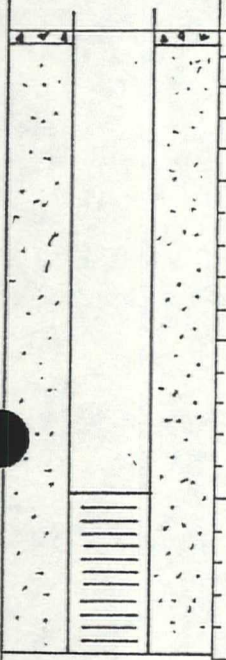
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-18-88
DATE COMPLETED: 8-18-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10				GREY TILL	
	15					
	20				19.9' END OF BORING	
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-4

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

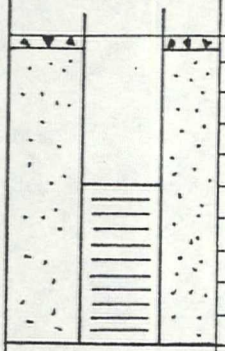
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-17-88
DATE COMPLETED: 8-17-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				ASPHALT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
					BROWN SANDY SILT	
	5				BROWN SILT	
	10				10' END OF BORING	
	15					
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-5

PROJECT: HYDROGEOLOGIC INVESTIGATION

CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20

PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

SAMPLING METHODS			
	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

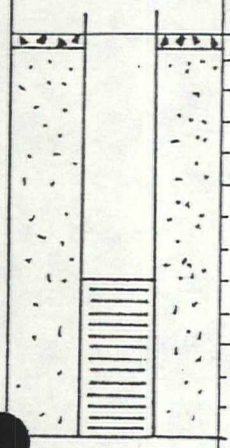
WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-17-88

DATE COMPLETED: 8-17-88

INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				ASPHALT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5				BROWN SILT	
	10				GREY TILL	
					13' END OF BORING	
	15					
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-6

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6" OD SOLID STEM AUGER

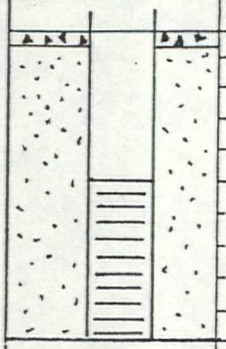
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-17-88
DATE COMPLETED: 8-17-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BLACK SOIL AND GRAVEL	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
					BROWN SILT	
	5					
					GREY TILL	
	10				10' END OF BORING	
	15					
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-7

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

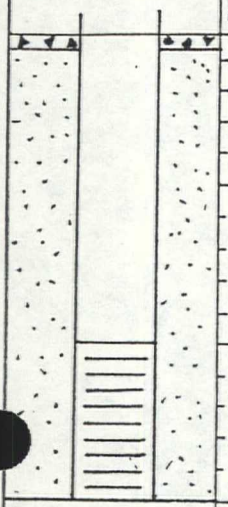
WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-17-88
DATE COMPLETED: 8-17-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION



DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
5					
10				GREY TILL	
15				15' END OF BORING	
20					
25					
30					
35					
40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-8

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of
PROJECT NO.

DRILLING DATA	
CONTRACTOR: PENNSYLVANIA DRILLING COMPANY	
DRILLER: PETER MARTIN	
EQUIPMENT: TRUCK MOUNTED RIG	
METHOD: 6"OD SOLID STEM AUGER	

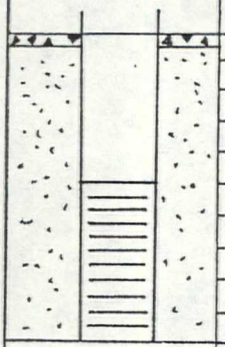
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8- -88
DATE COMPLETED: 8- -88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10				10' END OF BORING	
	15					
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-9

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6" OD SOLID STEM AUGER

SAMPLING METHODS			
	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

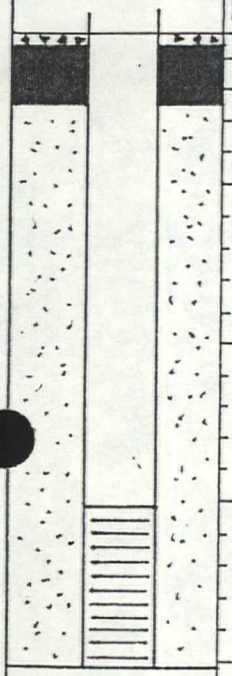
WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG
ELEV			

DATE STARTED: 8-18-88
DATE COMPLETED: 8-18-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION



DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
0				CLAY CAP	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
5				GRAVEL @ 5'	
10				FILL AND BROWN SILT	
15					
20				BROWN SILT	
				20.2' END OF BORING	
25					
30					
35					
40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-10

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

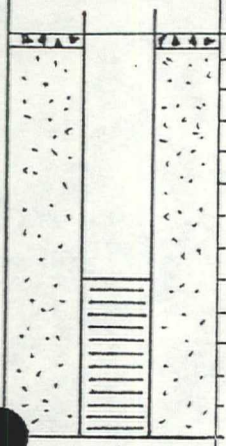
WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-18-88
DATE COMPLETED: 8-18-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION



DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
0				BLACK SANDY SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
5				BROWN SILT	
10				GREY TILL	
				13' END OF BORING	
15					
20					
25					
30					
35					
40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-11

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

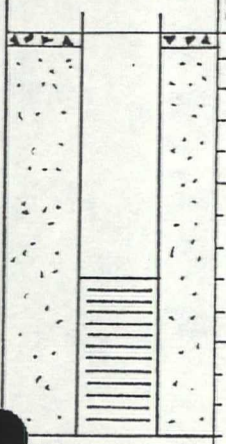
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-18-88
DATE COMPLETED: 8-18-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				DARK BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5				BROWN SILT	
	10				GREY TILL	
					13' END OF BORING	
	15					
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-12

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6" OD SOLID STEM AUGER

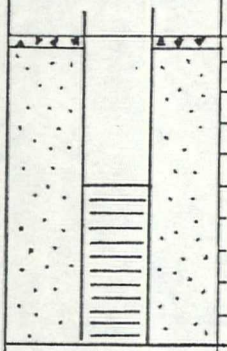
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG
ELEV			

DATE STARTED: 8-18-88
DATE COMPLETED: 8-18-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10				10' END OF BORING	
	15					
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-13

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

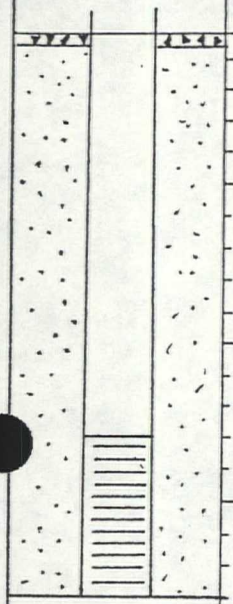
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG
ELEV			

DATE STARTED: 8-17-88
DATE COMPLETED: 8-17-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10					
	15					
					GREY TILL	
					18' END OF BORING	
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-15

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6" OD SOLID STEM AUGER

SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

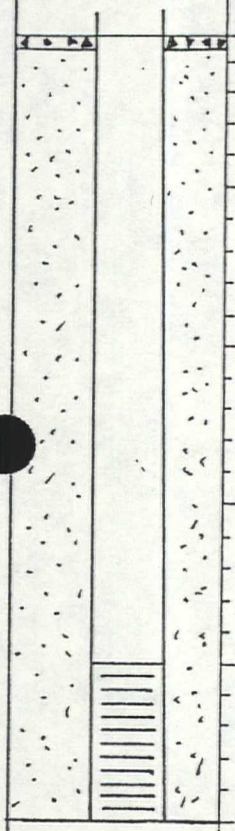
WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-17-88
DATE COMPLETED: 8-17-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION



DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
0				FILL	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
5				BROWN SILT	
10					
15					
20				GREY TILL	
25				25' END OF BORING	
30					
35					
40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-16

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR: PENNSYLVANIA DRILLING COMPANY	
DRILLER: PETER MARTIN	
EQUIPMENT: TRUCK MOUNTED RIG	
METHOD: 6"OD SOLID STEM AUGER	

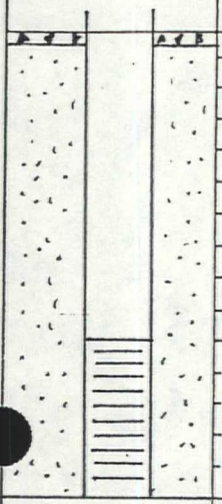
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG
ELEV			

DATE STARTED: 8-16-88
DATE COMPLETED: 8-16-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10					
					GREY TILL	
	15				15' END OF BORING	
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-17

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6" OD SOLID STEM AUGER

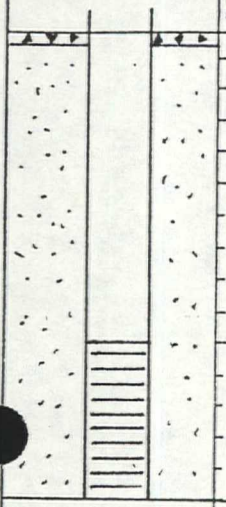
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG
ELEV			

DATE STARTED: 8-16-88
DATE COMPLETED: 8-16-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10					
					GREY TILL	
	15				15' END OF BORING	
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-18

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6" OD SOLID STEM AUGER

SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

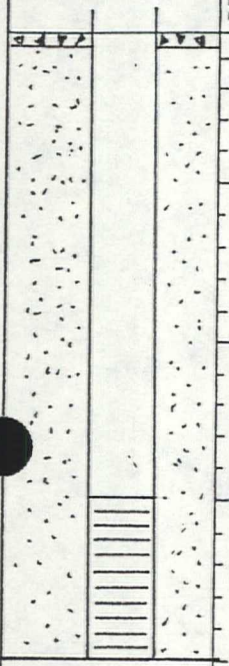
WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-17-88
DATE COMPLETED: 8-17-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION



DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
5					
10				GREY TILL	
15					
20				20' END OF BORING	
25					
30					
35					
40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-19

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR:	PENNSYLVANIA DRILLING COMPANY
DRILLER:	PETER MARTIN
EQUIPMENT:	TRUCK MOUNTED RIG
METHOD:	6"OD SOLID STEM AUGER

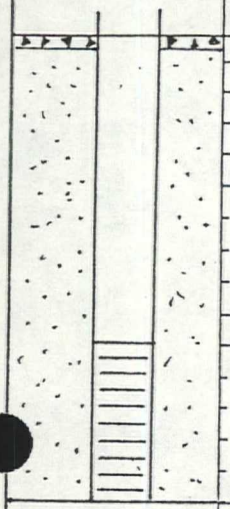
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG.
ELEV			

DATE STARTED: 8-18-88
DATE COMPLETED: 8-18-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10					
	15				15' END OF BORING	
	20					
	25					
	30					
	35					
	40					

AWARE INCORPORATED

TEST BORING LOG

NO. PZ-20

PROJECT: HYDROGEOLOGIC INVESTIGATION
CLIENT: RMI SODIUM PLANT ASHTABULA, OH

SHEET NO. 1 of 20
PROJECT NO. 6120

DRILLING DATA	
CONTRACTOR: PENNSYLVANIA DRILLING COMPANY	
DRILLER: PETER MARTIN	
EQUIPMENT: TRUCK MOUNTED RIG	
METHOD: 6"OD SOLID STEM AUGER	

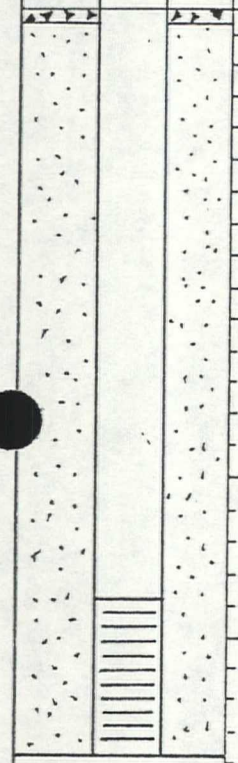
SAMPLING METHODS	SAMPLER	TUBE	CORE
TYPE	NONE		
DIAMETER			
OTHER			

WELL CONSTRUCTION	RISER	INTAKE
MATERIAL	PVC (S-40)	PVC
DIAMETER	1.5"	1.5"
COUPLING	THREADED	THREADED

WELL DEVELOPMENT	
METHOD:	NONE
DURATION:	
YIELD:	
OTHER:	

	GROUND	WELL	PROT CSG
ELEV			

DATE STARTED: 8-17-88
DATE COMPLETED: 8-17-88
INSPECTOR: ROB GUIDRY

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6 INCHES	CLASSIFICATION	REMARKS
	0				BROWN SILT	NO SAMPLES COLLECTED DRILLED MATERIALS WERE VISUALLY DESCRIBED FROM AUGER CUTTINGS
	5					
	10				GREY TILL	
	15					
	20					
	25				23.8' END OF BORING	
	30					
	35					
	40					

APPENDIX 3

GROUNDWATER AND SURFACE WATER FIELD OBSERVATIONS

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 15

SAMPLE No. 15

PROJECT: RCRA Facility Investigation DATE: 11-19-88 TIME: 0900

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☒ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☒ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 4.00 BOTTOM DEPTH: 28.00 est.

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 3.84 gal.

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☒ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☒ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA: WELL VOLUMES

TEMP DUE TO CONTAMINANTS IN GROUNDWATER,

pH THESE WERE NOT MEASURED

SPEC COND.

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☒ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☒ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☐ YES ☒ NO METHOD:

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: Brown

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: — pH: — SPEC. COND: —

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-19-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 25

SAMPLE No. 25

PROJECT: RCRA Facility Investigation DATE: 11-19-88 TIME: 1100

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: WINDY

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. LIEBE D. LODEN

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☒ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☒ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 1.30 BOTTOM DEPTH: 27.00 est.

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 4.10 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☒ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☒ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA: WELL VOLUMES

TEMP DUE TO CONTAMINANTS IN GROUNDWATER,

pH THESE WERE NOT MEASURED

SPEC COND.

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☒ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☒ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☐ YES ☒ NO METHOD:

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: BROWN/BLACK

☒ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: — pH: — SPEC. COND: —

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-19-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 35

SAMPLE No. 35

PROJECT: RCRA Facility Investigation DATE: 11-18-88 TIME: 1515

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 3.55 BOTTOM DEPTH: 18.30

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.4 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	12.5	12.0	12.0	°C		
pH	6.23	6.20	6.29			
SPEC COND.	>50,000	48,000	>50,000	mmhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: Brown

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 12.0°C pH: 6.29 SPEC. COND: >50,000 mmhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-18-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 4S

SAMPLE No. 4S

PROJECT: RCRA Facility Investigation DATE: 11-17-88 TIME: 1600

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 5.85 BOTTOM DEPTH: 18.05

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.0 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	10.0	11.5	11.0	°C		
pH	6.82	6.80	6.81			
SPEC COND.	22,000	21,500	21,500	mmhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 11.0°C pH: 6.81 SPEC. COND: 21,500 mmhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-17-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 4D

SAMPLE No. 4D

PROJECT: RCRA Facility Investigation DATE: 11-17-88 TIME: 1445

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 8.35 BOTTOM DEPTH: 66.70

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 9.3 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: 2

TIME SERIES DATA:

WELL VOLUMES	1/2	1	2			
TEMP	15.0	14.0	13.0	°C		
pH	6.99	6.43	6.70			
SPEC COND.	20,000	20,000	19,000			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☒ TURBID ☐ COLOR: sl. turbid gray/brown

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 13.0°C pH: 6.70 SPEC. COND: 19,000 mmhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

Walt M. [illegible] — SIGNATURE

11-17-88 — DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 55

SAMPLE No. 55

PROJECT: RCRA Facility Investigation DATE: 11-18-88 TIME: 0900

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 9.60 BOTTOM DEPTH: 18.30

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☐ YES ☐ NO

VOLUME OF WATER IN WELL: 1.4 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	11.0	12.0	12.0	°C		
pH	5.92	5.93	6.17			
SPEC COND.	35,500	36,500	35,500	mmhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 12.0°C pH: 6.17 SPEC. COND: 35,500 mmhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

Wm. M. [illegible] 11-18-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 5D

SAMPLE No. 5D

PROJECT: RCRA Facility Investigation DATE: 11-18-88 TIME: 0730

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. LIEBE D. LODEN

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 9.70 BOTTOM DEPTH: 78.00

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 10.9 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: 1.5

TIME SERIES DATA:

WELL VOLUMES	1/2	1	1 1/2			
TEMP	9.0	7.0	8.0	°C		
pH	6.95	7.60	7.63			
SPEC COND.	18,000	18,500	18,500	mmhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 8.0°C pH: 7.63 SPEC. COND: 18,500

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

Walt M. [illegible] — SIGNATURE

11-18-88 — DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 65

SAMPLE No. 65

PROJECT: RCRA Facility Investigation DATE: 11-18-88 TIME: 1045

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 10.60 BOTTOM DEPTH: 18.40

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 1.3 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	12.5	12.5	13.0	°C		
pH	6.03	5.99	5.99			
SPEC COND.	>50,000	>50,000	>50,000	mmhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 13.0°C pH: 5.99 SPEC. COND: >50,000 mmhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-18-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 75

SAMPLE No. 75

PROJECT: RCRA Facility Investigation DATE: 11-17-88 TIME: 1000

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 3.95 BOTTOM DEPTH: 17.95

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.2 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	10.0	11.0	9.0	°C		
pH	7.25	7.21	7.22			
SPEC COND.	4,900	4,700	4,800	umhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 9.0°C pH: 7.22 SPEC. COND: 4,800 umhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

Wilm. [illegible] — SIGNATURE

11-17-88 — DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 8S

SAMPLE No. 8S

PROJECT: RCRA Facility Investigation DATE: 11-18-88 TIME: 1300

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 6.00 BOTTOM DEPTH: 18.40

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.0 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	12.5	12.5	13.0	°C		
pH	6.07	6.05	6.14			
SPEC COND.	>50,000	>50,000	>50,000			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: Brown

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 13.0 °C pH: 6.14 SPEC. COND: >50,000 umhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-18-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 95

SAMPLE No. 95

PROJECT: RCRA Facility Investigation DATE: 11-16-88 TIME: 1245

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40s

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 3.00 BOTTOM DEPTH: 18.45

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.5 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	14.0	14.0	14.0	°C		
pH	6.87	6.85	6.96			
SPEC COND.	1050	1,000	1,000	umhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 14.0 °C pH: 6.96 SPEC. COND: 1,000 umhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-16-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 9D

SAMPLE No. 9D

PROJECT: RCRA FACILITY Investigation DATE: 11-16/17-88 TIME: 1200/1315

CLIENT: RMI SODIUM PLANT WEATHER CONDITIONS: WINDY

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. LIEBE D. LODEN

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 72.35 BOTTOM DEPTH: 78.80

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 1.0 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	13.5	13.0	13.5	°c		
pH	6.77	6.91	7.12			
SPEC COND.	21,000	21,000	21,500	mmhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☐ YES ☒ NO METHOD:

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: Gray/Brown

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 13.5°C pH: 7.12 SPEC. COND: 21,500 mmhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE DATE: 11-17-88

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 105

SAMPLE No. 105

PROJECT: RCRA Facility Investigation DATE: 11-16-88 TIME: 0915

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 8.55 BOTTOM DEPTH: 18.00

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 1.5 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	16.0	15.5	16.0	°C		
pH	6.47	6.56	6.72			
SPEC COND.	3,550	3,500	3,450	mmhos		

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 16.0°C pH: 6.72 SPEC. COND: 3,450 mmhos

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] SIGNATURE 11-16-88 DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. 11D

SAMPLE No. 11D

PROJECT: RCRA Facility Investigation DATE: 11-17-88 TIME: 1200

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: Windy

JOB No: 6120 AIR TEMPERATURE: 40's

PERSONNEL: B. Liebe D. Loden

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 51.05' BOTTOM DEPTH: 68.05'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.7 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: VOLUME PUMPED:

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: 2.5

TIME SERIES DATA:

WELL VOLUMES	1	2				
TEMP	12.5	12.5	°C			
pH	6.59	6.89				
SPEC COND.	22,000	13,500	umhos			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: Gray

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 12.5°C pH: 6.89 SPEC. COND: 13,500

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[signature] 11-17-88

SIGNATURE DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-3S

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-11-89 TIME: ~2:30pm

CLIENT: RMI SODIUM PLANT

WEATHER CONDITIONS: P-CLOUDY

JOB No: 6120

AIR TEMPERATURE: 25°F

PERSONNEL: ROB GUIDRY / DAN MYSHRALL

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 4.0' BOTTOM DEPTH: 17.45'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.2 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½ hr VOLUME PUMPED: 6.5 gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP (°C)	8°	8°	9°			
pH	3.95	4.0	4.05			
SPEC COND.	>50,000	>50,000	>50,000			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: BROWN

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 9°C pH: 4.05 SPEC. COND: >50,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-11-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-4S

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-11-89 TIME: ~1130 am

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: P-CLOUDY - WINDY

JOB No: 6120

AIR TEMPERATURE: 25°F

PERSONNEL: ROB GUIDRY / DAN MYSHRALL

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 8.28' BOTTOM DEPTH: 66.35'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 9.3 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½ hr VOLUME PUMPED: ~13 gal

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: ~2

TIME SERIES DATA:

WELL VOLUMES	0	1				
TEMP	7°C	8°C				
pH	5.6	4.96				
SPEC COND.	18,000	18,000				

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: Hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 8° pH: 4.96 SPEC. COND: 18,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-11-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RM1-4D

SAMPLE No.

PROJECT: RCRA INVESTIGATION DATE: 1-11-89 TIME: ~11AM

CLIENT: RMI SODIUM PLANT WEATHER CONDITIONS: P-CLOUDY WINDY

JOB No: 6120 AIR TEMPERATURE: 25°F

PERSONNEL: ROB GUIDRY / DAN MYSHRALL

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 6.04' BOTTOM DEPTH: 17.55'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 1.84 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~1 hr VOLUME PUMPED: 5.5 gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP °C	2°	6°	6.2°			
pH	5.0	4.29	4.54			
SPEC COND.	16,000	17,500	17,200			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: lt brn.

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 6.2°C pH: 4.54 SPEC. COND: 17,200

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE DATE 1-11-89

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-5S

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-11-89 TIME: ~5pm

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: P-CLOUDY

JOB No: 6120

AIR TEMPERATURE: 25°F

PERSONNEL: Rob Guidry / Dan Myshrall

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 8.27' BOTTOM DEPTH: 18'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 1.6 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½ hr VOLUME PUMPED: ~4.7 gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP (°C)	7.9	8.0	9.0			
pH	6.28	6.40	6.38			
SPEC COND.	30,025	31,000	31,900			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 9°C pH: 6.38 SPEC. COND: 31,900

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-11-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI - 5D

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-11-89 TIME: ~ 545pm

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: P-Cloudy

JOB No: 6120

AIR TEMPERATURE: 25°F

PERSONNEL: Rob Guidry / Dan Myshrall

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 7.94 BOTTOM DEPTH: 77.7

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 11.2 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~ 24 hrs VOLUME PUMPED: ≈ 12 gal

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: ≈1

TIME SERIES DATA:

WELL VOLUMES	1					
TEMP	7°C					
pH	6.49					
SPEC COND.	19,000					

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: bailer

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 7°C pH: 6.49 SPEC. COND: 19,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE DATE 1-11-89

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-6S

SAMPLE No.

PROJECT: RCRA INVESTIGATION DATE: 1-12-89 TIME: ~ 9AM

CLIENT: RMI SODIUM PLANT WEATHER CONDITIONS: FOGGY

JOB No: 6120 AIR TEMPERATURE: 35°F

PERSONNEL: ROB GUIDRY / DAN MYSHRALL

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 10.21 BOTTOM DEPTH: 18.5

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☐ YES ☐ NO

VOLUME OF WATER IN WELL: ~1.3 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½ hr VOLUME PUMPED: ~4 gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP (°C)	10°	10°	9.5°			
pH	5.43	5.62	5.62			
SPEC COND.	48,200	>50,000	>50,000			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: HAND PUMP

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 9.5°C pH: 5.62 SPEC. COND: >50,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE DATE 1-12-89

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RM1-7S

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-12-89 TIME: 8 AM

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: Foggy

JOB No: 6120

AIR TEMPERATURE: 35°F

PERSONNEL: Rob Guidry / Dan Mysheall

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 4.1' BOTTOM DEPTH: 18'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: ~2.2 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½ hr VOLUME PUMPED: 6.7 gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	10°C	10°C	10°C			
pH	5.61	6.01	5.99			
SPEC COND.	4600	4700	4700			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 10°C pH: 5.99 SPEC. COND: 4700

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-12-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-7D

SAMPLE No.

PROJECT: RCRA Investigation

DATE: 1-13-89 TIME: 8AM

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: FLURRIES

JOB No: 6120

AIR TEMPERATURE: 28°F

PERSONNEL: Rob Guidry / Dan Mysheale

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 74.5 BOTTOM DEPTH: 77.79

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 0.53 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~68hrs VOLUME PUMPED: 0.53 gal

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: 1

TIME SERIES DATA:

WELL VOLUMES	1					
TEMP	8°C					
pH	6.1					
SPEC COND.	17,000					

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 8°C pH: 6.1 SPEC. COND: 17,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-13-89
DATE

(11/87)

RWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-8S

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-12-89 TIME: ~4:50pm

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: Foggy - Overcast

JOB No: 6120

AIR TEMPERATURE: ~40°F

PERSONNEL: Rob Guidry / Dan Myshrall

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 5.14' BOTTOM DEPTH: 18'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: ~2.1 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½ hr VOLUME PUMPED: ~6.5 gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP (°C)	10°	9°	10.5°			
pH	5.97	5.90	5.95			
SPEC COND.	750,000	49570	750,000			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: lt brown

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 10.5°C pH: 5.95 SPEC. COND: 750,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-12-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-9S

SAMPLE No.

PROJECT: RCRA Investigation

CLIENT: RMI Sodium Plant

JOB No: 6120

PERSONNEL: Rob Guidry/Dan Myshrall

DATE: 1-12-89 TIME: ~4pm

WEATHER CONDITIONS: overcast

AIR TEMPERATURE: ~40°F

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 3.05' BOTTOM DEPTH: 18'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 2.4gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½hr VOLUME PUMPED: ~7.2gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP (°C)	8.5°	9°	10°			
pH	6.43	6.45	6.49			
SPEC COND.	900	900	900			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 10°C pH: 6.49 SPEC. COND: 900

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-12-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI - 9D

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-12-89 TIME: ~3pm

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: overcast

JOB No: 6120

AIR TEMPERATURE: ~40°F

PERSONNEL: Rob Guidry / Dan Myshall

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 65.74 BOTTOM DEPTH: 78.80'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: ~2.2gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~20hrs VOLUME PUMPED: ~2.5gal

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: ≥1

TIME SERIES DATA:

WELL VOLUMES	1					
TEMP	11°C					
pH	5.95					
SPEC COND.	23000					

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☐ YES ☒ NO METHOD:

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☐ TURBID ☐ COLOR: lt grey

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 11°C pH: 5.95 SPEC. COND: 23,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-12-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI-10S

SAMPLE No.

PROJECT: RCRA INVESTIGATION

DATE: 1-13 89 TIME: ~9am

CLIENT: RMI Sodium Plant

WEATHER CONDITIONS: FLURRIES

JOB No: 6120

AIR TEMPERATURE: 28°F

PERSONNEL: Rob Gudry / Dan Myshall

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 8.86 BOTTOM DEPTH: 18'

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 1.5 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~½ hr VOLUME PUMPED: 4.5 gal

WAS WELL EVACUATED? ☐ YES ☒ NO NUMBER OF WELL VOLUMES PURGED: 3

TIME SERIES DATA:

WELL VOLUMES	1	2	3			
TEMP	8°C	10°C	9°C			
pH	6.56	6.53	6.55			
SPEC COND.	3000	3200	3100			

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☒ CLEAR ☐ TURBID ☐ COLOR:

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 9°C pH: 6.55 SPEC. COND: 3100

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

1-13-89
DATE

(11/87)

AWARE INCORPORATED

GROUNDWATER SAMPLING FIELD DATA SHEET

LOCATION No. RMI - 11D

SAMPLE No.

PROJECT: RCRA INVESTIGATION DATE: 1-12-89 TIME: 12:20pm

CLIENT: RMI Sodium Plant WEATHER CONDITIONS: P-Cloudy

JOB No: 6120 AIR TEMPERATURE: ~40°F

PERSONNEL: Rob Lindry / Dan Myshkin

WELL DATA:

CASING, DIAMETER: 2" ☐ STAINLESS STEEL ☐ STEEL ☒ PVC ☐ TEFLON ☐ OTHER:

INTAKE, DIAMETER: 2" ☐ STAINLESS STEEL ☐ GALV. STEEL ☒ PVC ☐ TEFLON ☐ OPEN ROCK

STATIC WATER LEVEL: 24.88 BOTTOM DEPTH: 68.05

DATUM: ☐ TOP OF PROT. CASING ☒ TOP OF WELL CASING ☐ OTHER:

WELL CLEAN TO BOTTOM? ☒ YES ☐ NO WELL IN GOOD CONDITION ☒ YES ☐ NO

VOLUME OF WATER IN WELL: 7 gal

PURGING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ SUB. PUMP ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

PUMPING RATE: ELAPSED TIME: ~18 hrs VOLUME PUMPED: ≥7 gal

WAS WELL EVACUATED? ☒ YES ☐ NO NUMBER OF WELL VOLUMES PURGED: ≥1

TIME SERIES DATA:

WELL VOLUMES	1					
TEMP	10°C					
pH	6.7					
SPEC COND.	14,000					

PURGING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

SAMPLING DATA:

METHOD: ☐ BLADDER PUMP ☐ PERISTALTIC PUMP ☒ BAILER ☐ OTHER:

MATERIALS: PUMP/BAILER: ☐ TEFLON ☐ STAINLESS STEEL ☒ PVC ☐ OTHER: TUBING/ROPE: ☐ TEFLON ☒ POLYPROPYLENE ☐ NYLON ☐ OTHER:

SAMPLING EQUIPMENT: ☒ DEDICATED ☐ PREPARED OFF-SITE ☐ FIELD CLEANED

METALS SAMPLE FIELD FILTERED? ☒ YES ☐ NO METHOD: hand pump

PHYSICAL & CHEMICAL DATA:

APPEARANCE: ☐ CLEAR ☒ TURBID ☐ COLOR: lt gray

☐ CONTAINS IMMISCIBLE LIQUID ☐ OTHER:

FIELD DETERMINATIONS: TEMP: 10°C pH: 6.7 SPEC. COND: 14,000

I CERTIFY THAT THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE 1-12-89 DATE

(11/87)

ECKENFELDER INC.

PROJECT RMI Sodium Plant
SUBJECT Surface Water and Sediment Sampling Observations - 01/30/89 - 02/01/89
BY MDB DATE _____ PAGE 1 OF 6

Pond Water Samples - 01/31/89

Sample Number	Depth of Water (ft)	Sample Depth (ft)	Remarks
PW-1A	2	near pond bottom	Collected 4ft from bank; sample green, chlorine odor
PW-1B	12	6	Collected 6ft from bank sample green, chlorine odor
PW-2A	1.5	near pond bottom	Collected 3ft from bank sample green, chlorine odor
PW-2B	--	--	--
PW-3A	0.7	near pond bottom	Collected 3ft from bank
PW-3B	5	2.5	Collected 5ft from bank
PW-4A	5	2.5	Collected 4ft from bank
PW-4B	14	7	Collected 5ft from bank; water very clear
PW-5A	7	3.5	Collected 6ft from bank
PW-5B	1.5	near pond bottom	Collected 4ft from bank
PW-6	Field Blank		
PW-7	Duplicate of PW-3		

All samples analyzed for TDS, pH, conductivity, major ions (no chemical preservation required); primary drinking water metals (preserved with nitric acid); and total organic carbon (preserved with sulfuric acid). All pond water samples were collected in plastic containers.

ECKENFELDER INC.

PROJECT AMI Sodium Plant
SUBJECT Surface Water + Sediment Sampling Observations 01/30 - 02/01/89
BY MDB DATE _____ PAGE 2 OF 6

Pond Sediment Samples - 01/31/89

Sample Number	Sample Location	Sample Description
PS-1A	Collected 4ft from bank	Fine sediment with fine gravel
PS-1B	Collected 6ft from bank	Fine sediment with fine gravel
PS-2A	Collected 4ft from bank	Fine grey-white precipitate with fine to coarse gravel and clay
PS-2B	--	Fine grey-white precipitate with fine to coarse gravel and clay
PS-3A	Collected 10ft from bank	Very silty, little gravel; sediment is several ft deep
PS-3B	Collected 6ft from bank	Very silty, little gravel
PS-4A	Collected 4ft from bank	Sediment terraced at step slope to bottom; very silty, little gravel
PS-4B	Collected 5ft from bank	Very silty, little gravel
PS-5A	Collected 6ft from bank	Fine sediment
PS-5B	Collected 4ft from bank	Fine sediment
PS-6	Duplicate of PS-3	

All pond sediment samples were analyzed for primary drinking water metals, pH, percent solids, and volatile solids (no chemical preservation required; collected in plastic jar)

ECKENFELDER INC.

PROJECT RMI Sodium Plant
SUBJECT Surface Water & Sediment Sampling Observations 01/30-02/01/89
BY MDB DATE _____ PAGE 3 OF 6

Ditch Water Samples - 02/01/89

Sample Number	Sample Description
DW-A	Located near SW corner of landfill berm in N-S ditch, ~20 ft W. of above-ground pipeline, ~40 ft N. of fenceline, 20 ft N. of bend in ditch. Water is 2-4 in. deep, ditch width ~ 4 to 8 ft; brown-grey sediment, somewhat gravelly bottom. Observable flow to the south
DW-B	Located north of landfill in ditch perpendicular to main ditch, 150' from plant access road. Little water, no observable flow; ditch overgrown with grass. White-grey silty sediment w/ reddish sediment in center. Water is 3 to 4 in deep; ditch is 8 ft wide. White precipitate floating on surface
DW-C	Located ~40 ft from road near water tower in E-W portion of ditch, near staff gage #5. Water is ~ 4 in. deep, flowing west. Sediment is light in center w/ reddish-orange (iron oxidized) streaks. Grey-white precipitate floating on surface
DW-D	Located ~ 50 ft SE of center water tower column, between water tower and abandoned pond. Ditch is 8 in. deep, 6 ft wide, grassy. Bottom of ditch is brown sediment and detritus; slow flow to the west. Area in general is flat lowland and marshy

ECKENFELDER INC.

PROJECT RMI Sodium Plant
SUBJECT Surface Water + Sediment Sampling Observations 01/30-02/01/89
BY MDB DATE _____ PAGE 4 OF 6

Ditch Water Samples (continued) - 02/01/89

Sample Number	Sample Description
DW-E	Located SE corner of landfill, along fenceline, ~40ft SW of SW corner of abandoned pond and 30ft from fence to railroad tracks. No ditch, stagnant water ~ 3 in. deep and 10 ft x 60ft area. Little sediment, bottom is grassy with detritus. Bright orange-red (iron oxidized) deposits in sediment.
DW-F	Located 10 ft south and 8 ft west of well 1S. No true ditch and no flow; some low areas with stagnant water ~ 2 in. deep. Bottom is grassy with little sediment.
DW-G	Located 25 ft E of staff gage #2, 10ft N of fenceline, SW of the SW corner of landfill. Staff gage #2 is located where ditch flows under fence and off RMI property. Sampled ~ 7 ft W (downstream) of culvert located underneath railroad tracks which originates from off site. Stream is ~ 4 ft wide; water 2-6 in deep. No vegetation, silty clay sediment on bottom. Water is flowing, some suspended particles
DW-H	Distilled water blank
DW-I	Duplicate of DW-G
DW-J	Duplicate of DW-C