



**WADSWORTH/ALERT
LABORATORIES, INC.**

Sampling, testing, mobile labs

4101 Shuffel Dr. N.W.
North Canton, Ohio 44720

ANALYTICAL REPORT

PROJECT NO. 607-2D

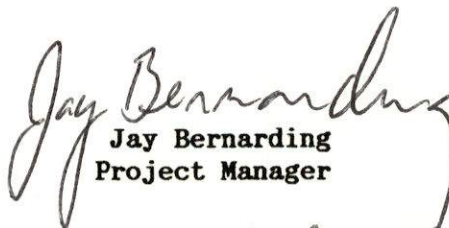
CERRO CONDUIT/SYOSSET, NY

Presented to :

JIM BARISH

EDER ASSOC., CONSULTING ENGINEERS p.c.

WADSWORTH/ALERT LABORATORIES, INC.


Jay Bernarding
Project Manager



Marvin W. Stephens, Ph.D.
Vice President & Corporate Technical Director

June 26, 1990



CORPORATE AND LABORATORY: North Canton, Ohio (216) 497-9396
LABORATORY: Cleveland, Ohio (216) 642-9151
LABORATORY: Pittsburgh, Pennsylvania (412) 826-5477
LABORATORY: Bartow, Florida (813) 533-2150
SOUTHEAST REGIONAL OFFICE: Lexington, South Carolina (803) 957-6590
24-HOUR **ALERT LINE** (216) 497-9338



WADSWORTH/ALERT
LABORATORIES, INC.



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.

DATE RECEIVED: 5/24/90

LAB #: 1371-64318

MATRIX : WATER

SAMPLE ID : MW4

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/24/90	1.3	0.1	mg/l
Total Recoverable Phenolics	6/18/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.

DATE RECEIVED: 5/24/90

LAB #: 1371-64319

MATRIX : WATER

SAMPLE ID : MW6

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/24/90	11	1	mg/l
Total Recoverable Phenolics	5/30- 5/31/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.

DATE RECEIVED: 5/24/90

LAB #: 1371-64320

MATRIX : WATER

SAMPLE ID : MW2

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/24/90	0.6	0.1	mg/l
Total Recoverable Phenolics	6/18/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.

DATE RECEIVED: 5/24/90

LAB #: 1371-64321

MATRIX : WATER

SAMPLE ID : MW1

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/25/90	1.9	0.1	mg/l
Total Recoverable Phenolics	6/18/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.

DATE RECEIVED: 5/24/90

LAB #: 1371-64322

MATRIX : WATER

SAMPLE ID : MW5

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/25/90	5.9	0.1	mg/l
Total Recoverable Phenolics	6/18/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.
LAB #: 1371-64323
MATRIX : WATER

DATE RECEIVED: 5/24/90

SAMPLE ID : MW7

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/25/90	5	0.1	mg/l
Total Recoverable Phenolics	6/18/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.

DATE RECEIVED: 5/24/90

LAB #: 1371-64324

MATRIX : WATER

SAMPLE ID : MW7A

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/25/90	4.6	0.1	mg/l
Total Recoverable Phenolics	6/20/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : EDER ASSOC., CONSULTING ENGINEERS p.c.
LAB #: 1371-64325
MATRIX : WATER

DATE RECEIVED: 5/24/90

SAMPLE ID : MW3

ANALYTICAL REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Nitrate Nitrogen	5/25/90	1.3	0.1	mg/l
Total Recoverable Phenolics	6/18/90	ND	0.01	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

QUALITY CONTROL SECTION



WADSWORTH/ALERT
LABORATORIES, INC.

MATRIX SPIKE DATA

LAB ID	PARAMETER	SPIKE PERCENT RECOVERY	SPK/DUP PERCENT RECOVERY	SPIKE MATRIX	QC CONTROL LIMITS
64325	Nitrate Nitrogen	99	99	WATER	(78-111)
64324	Phenols	76	78	WATER	(50-134)



**WADSWORTH/ALERT
LABORATORIES, INC.**

COMPANY : Wadsworth/ALERT Laboratories

DATE RECEIVED: 5/24/90

LAB #: 9090-90524

MATRIX : WATER

SAMPLE ID : INTRA-LAB BLANK , 5 /24/90

GENERAL ANALYTICAL BLANK REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT
Biochemical Oxygen Demand	5/24- 5/29/90	ND	2 mg/l
Total Organic Halogens	5/24/90	ND	0.05 %
Cyanide	5/24/90	ND	0.005 mg/l
Chemical Oxygen Demand	5/24/90	ND	5 mg/l
Fecal Coliform	5/24- 5/25/90	ND	10 /100 ml
Methylene Blue Active Substances	5/24/90	ND	0.1 mg/l
Nitrite Nitrogen	5/24/90	ND	0.04 mg/l
Nitrate Nitrogen	5/24/90	ND	0.1 mg/l
Nitrate-Nitrite Nitrogen	5/24/90	ND	0.1 mg/l
Sulfite	5/24/90	ND	2 mg/l
Sulfate	5/24/90	ND	5 mg/l
Sulfide	5/24/90	ND	1 mg/l
Total Dissolved Solids	5/24- 5/25/90	ND	5 mg/l
Total Organic Halogen	5/24/90	ND	10 ug/l
Tot Recoverable Pet Hydrocarbons	5/24/90	ND	0.5 mg/l
Total Suspended Solids	5/24- 5/25/90	ND	5 mg/l

NOTE: ND (None Detected)



**WADSWORTH/ALERT
LABORATORIES, INC.**

COMPANY : Wadsworth/ALERT Laboratories
LAB #: 9090-90525
MATRIX : WATER

DATE RECEIVED: 5/25/90

SAMPLE ID : INTRA-LAB BLANK , 5 /25/90

GENERAL ANALYTICAL BLANK REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT
Biochemical Oxygen Demand	5/25- 5/30/90	ND	2 mg/l
Chloride	5/25/90	ND	2 mg/l
Chemical Oxygen Demand	5/25/90	ND	5 mg/l
Hardness (CaCO3)	5/25/90	ND	5 mg/l
Methylene Blue Active Substances	5/25/90	ND	0.1 mg/l
Ammonia Nitrogen	5/25/90	ND	0.3 mg/l
Nitrite Nitrogen	5/25/90	ND	0.04 mg/l
Nitrate Nitrogen	5/25/90	ND	0.1 mg/l
Nitrate-Nitrite Nitrogen	5/25/90	ND	0.1 mg/l
Total Recoverable Phenolics	5/25/90	ND	0.01 mg/l
Phosphate Phosphorus	5/25/90	ND	0.1 mg/l
Sulfite	5/25/90	ND	2 mg/l
Sulfate	5/25/90	ND	5 mg/l
Sulfide	5/25/90	ND	1 mg/l
Total Dissolved Solids	5/25- 5/29/90	ND	5 mg/l
Total Kjeldahl Nitrogen	5/25/90	ND	0.3 mg/l
Total Suspended Solids	5/25- 5/29/90	ND	5 mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : Wadsworth/ALERT Laboratories
LAB #: 9090-90530
MATRIX : WATER

DATE RECEIVED: 5/30/90

SAMPLE ID : INTRA-LAB BLANK , 5 /30/90

GENERAL ANALYTICAL BLANK REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Biochemical Oxygen Demand	5/30- 6/ 4/90	ND	2	mg/l
Chemical Oxygen Demand	5/30/90	ND	5	mg/l
Fluoride	5/30/90	ND	0.1	mg/l
Ammonia Nitrogen	5/30/90	ND	0.2	mg/l
Nitrite Nitrogen	5/30/90	ND	0.04	mg/l
Nitrate Nitrogen	5/30/90	ND	0.1	mg/l
Nitrate-Nitrite Nitrogen	5/30/90	ND	0.1	mg/l
Total Recoverable Phenolics	5/30- 5/31/90	ND	0.01	mg/l
Residual Chlorine	5/30/90	ND	0.03	mg/l
Total Dissolved Solids	5/30- 6/ 1/90	ND	5	mg/l
Total Kjeldahl Nitrogen	5/30/90	ND	0.3	mg/l
Total Solids	5/30- 5/31/90	ND	0.5	%
Total Suspended Solids	5/30- 5/31/90	ND	5	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : Wadsworth/ALERT Laboratories

DATE RECEIVED: 6/18/90

LAB #: 9090-90618

MATRIX : WATER

SAMPLE ID : INTRA-LAB BLANK , 6 /18/90

GENERAL ANALYTICAL BLANK REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Cyanide	6/18/90	ND	0.005	mg/l
Chemical Oxygen Demand	6/18/90	ND	5	mg/l
Fluoride	6/18/90	ND	0.1	mg/l
Total Recoverable Phenolics	6/18/90	ND	0.01	mg/l
Sulfide	6/18/90	ND	1	mg/l
Total Kjeldahl Nitrogen	6/18/90	ND	0.3	mg/l
Total Organic Halogen	6/18/90	ND	10	ug/l
Total Solids	6/18- 6/19/90	ND	0.5	%
Total Suspended Solids	6/18- 6/19/90	ND	5	mg/l

NOTE: ND (None Detected)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : Wadsworth/ALERT Laboratories

LAB #: 9090-90620

MATRIX : WATER

DATE RECEIVED: 6/20/90

SAMPLE ID : INTRA-LAB BLANK , 6 /20/90

GENERAL ANALYTICAL BLANK REPORT

PARAMETER	PREPARATION - ANALYSIS DATE	RESULT	DETECTION LIMIT	
Chemical Oxygen Demand	6/20/90	ND	5	mg/l
Nitrite Nitrogen	6/20/90	ND	0.04	mg/l
Nitrate Nitrogen	6/20/90	ND	0.1	mg/l
Nitrate-Nitrite Nitrogen	6/20/90	ND	0.1	mg/l
Total Recoverable Phenolics	6/20/90	ND	0.01	mg/l
Turbidity	6/20/90	ND	0.5	ntu

NOTE: ND (None Detected)