ANSON ENVIRONMENTAL

FINAL

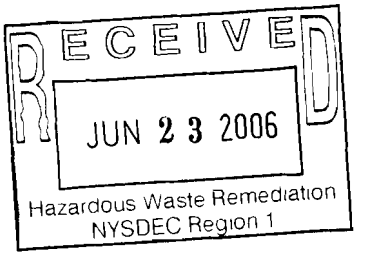
Remedial Action Report

for

Groundwater Remediation Pump and Treat System

Location:

Nassau Uniform Services
525 Ray Street
Freeport, New York 11520



Date: June 22, 2006

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Project No. 03023-2

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1.0 Introduction and Purpose of the Groundwater Remediation System

During February 2006, Anson Environmental Ltd. (AEL) completed the installation and preliminary testing of a groundwater remediation pump and treat system installed inside the building at Nassau Uniform Services (NUS), 525 Ray Street, Town of Hempstead, Nassau County, Freeport, New York 11520. The Final Design Pump and Treat system, herein referred to as the P&T system, has been operating continuously 24-hours per day and 7-days per week since February 17, 2006. The P&T system is installed at NUS to remediate the contaminated groundwater below the property.

In 1998, Anson Environmental Ltd. (AEL) completed a Focused Remedial Investigation (FRI) for the Nassau Uniform Services (NUS) site and the FRI findings were submitted to New York State Department of Environmental Conservation (NYSDEC) in the FRI Investigation Report dated January 27, 1999 (revised). Based on the FRI investigation, AEL concluded that the source of the groundwater contamination was contaminated soils at three locations on the NUS property. The groundwater at the subject site is contaminated with concentrations of volatile organic compounds (VOCs) that include tetrachlorethene and its breakdown products.

To remediate the on-site contaminated soils, AEL submitted to NYSDEC the revised "Final Design Work Plan for Soil Vapor Extraction System", dated January 6, 2003. Subsequent to approval of this plan, on August 4, 2003, one-half of the final design soil vapor extraction system (SVES) began 24-hour operation. On November 10, 2003, the second half of the SVES began 24-hour operation.

The design of the P&T system described in this document is based on the results of a pilot test program that AEL conducted in late December 2003 and early January 2004, that used a scaled down version of the presently installed P&T system. The results of that pilot testing were submitted to NYSDEC in a report titled "Groundwater Pump and Treat System Pilot Test Report", dated February 5, 2004.

The installed P&T system uses a ShallowTray air stripper manufactured by North East Environmental Products, Inc. (NEEP Systems), West Lebanon, NH. Three submersible pumps installed within three P&T pumping wells supply the contaminated groundwater influent for the air stripper. The pumping wells are installed at strategic locations to efficiently impact the groundwater contamination zone. A functional block diagram of the P&T system is presented in Figure 1. The contaminated groundwater from each pumping well is delivered to the input manifold of the ShallowTray unit through PVC piping. The output liquid effluent from the ShallowTray unit is discharged through copper pipe into the NUS building sanitary waste pipe that is connected to a local sewer line.

One of the pumping wells, designated PW#1, installed downgradient and adjacent to Piezometer #2, was used during the aforementioned P&T pilot testing (Figure 2). The second pumping well, designated PW #2, is installed in the garage area adjacent to Piezometer #4. The third pumping well, designated PW #3, is installed in the laundry room area near the former location of the dry cleaning machines and northwest of Piezometer #7.

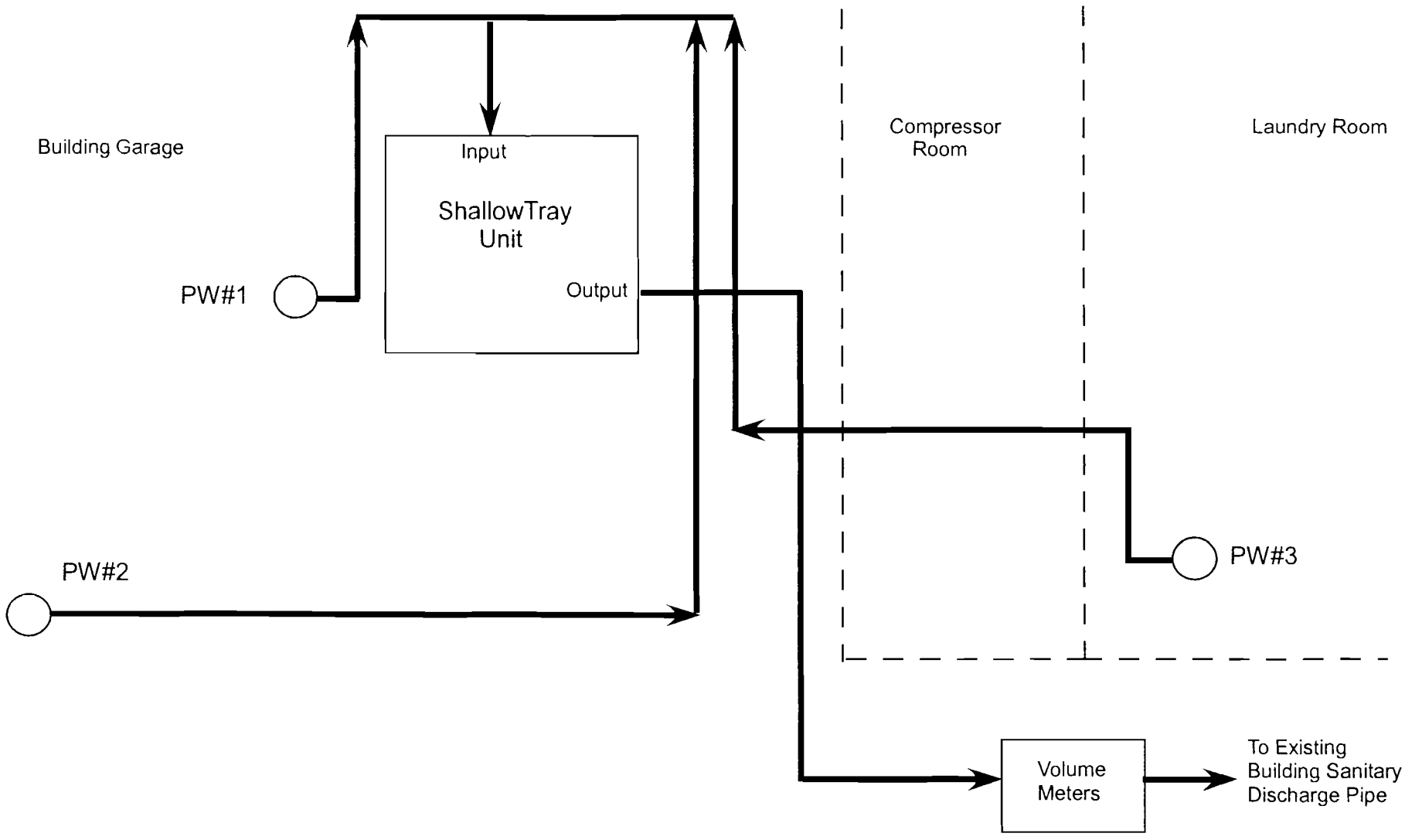


Figure 1

Functional Block Diagram
Groundwater Remediation
Pump and Treat System
Installed at
Nassau Uniform Services

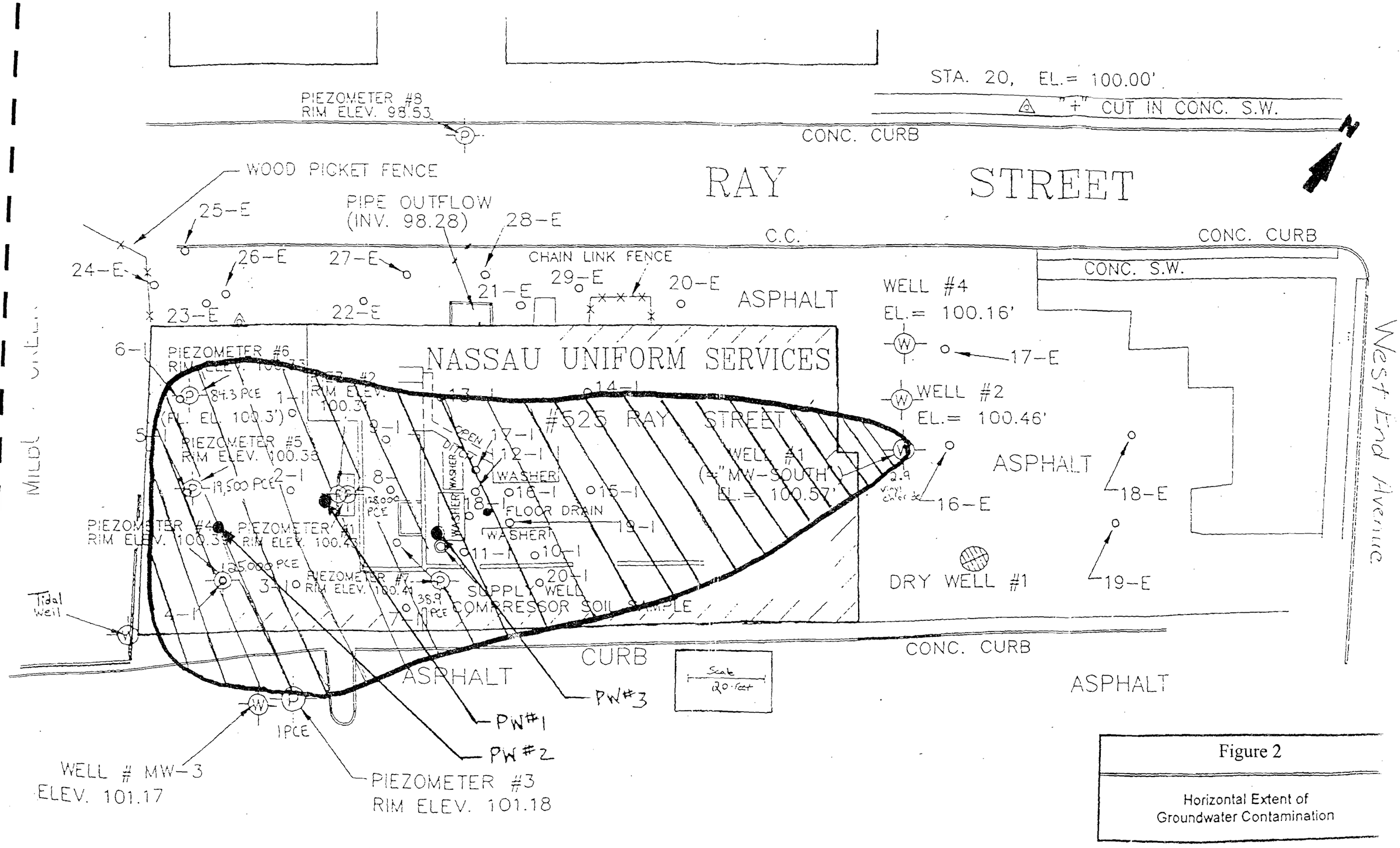


Figure 2

Horizontal Extent of
Groundwater Contamination

During a groundwater investigation performed at the site in September 2000, elevated concentrations of numerous VOCs were detected in the groundwater samples collected from the monitoring wells and piezometers installed on-site. Three of the most significant VOCs detected in the groundwater are tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride (VC). The later two compounds are breakdown products of PCE, a liquid commonly called PERC and widely used in the dry cleaning industry. In the past, the NUS facility used PCE in their dry cleaning machines, however, those machines have been removed from the site and NUS no longer performs dry cleaning of any kind.

The P&T system addresses the groundwater contamination below the floor of the NUS building. The crosshatched lines within the **BOLD** outline on Figure 2 identify the approximate horizontal extent of the contaminated groundwater plume. The vertical extent of the groundwater plume is illustrated in Figure 7-4 of the aforementioned FRI Investigation Report, and indicates that the vertical extent of the groundwater contamination is approximately 10-feet below floor surface (bfs). For reference, Figure 7-4 is contained herein on Page 2A.

The nominal depth to water (DTW) at the NUS site is 5-feet bfs. The maximum depth of the groundwater contamination was found to be at the present location of Piezometer #2 (Figure 2). This is also the former location of a 2,000-gallon underground storage tank (UST) that was used to stockpile used PCE. Piezometer #2 is installed to approximately 38-feet bfs.

Currently, the P&T system installed at the site is operating in concert with a previously installed and operating SVES to remediate both the soils and groundwater on-site.

2.0 Summary of Existing and Background Information

2.1 Site Location, Ownership and Access

In 1993, NYSDEC designated Nassau Uniform Services an Inactive Hazardous Waste Disposal Site. The size of the subject site location is approximately three-quarters of an acre. NUS is designated Site Number 130063 on the New York State Registry of Inactive Hazardous Waste Disposal Sites.

The subject property is owned by Nassau Industrial Dry Cleaning Corp., 525 Ray Street Freeport, New York 11520.

2.2 Site Description

The NUS property contains one large building and a parking lot paved with asphalt (Figure 2). The primary access to the unfenced property is from Ray Street.

According to Nassau County Land and Tax Map information, the NUS property is designated as follows:

Section: 54 Block: 315 Lots: 98 through 107

Prepared By: Anson Environmental Ltd 525 Ray Street Freeport, N.Y.	Cross Sectional Survey Nassau Uniforms Freeport Site
Scale: 1" = 20'	Date: 10/31/97
Drawn By: J.B.	Job Number: 95100

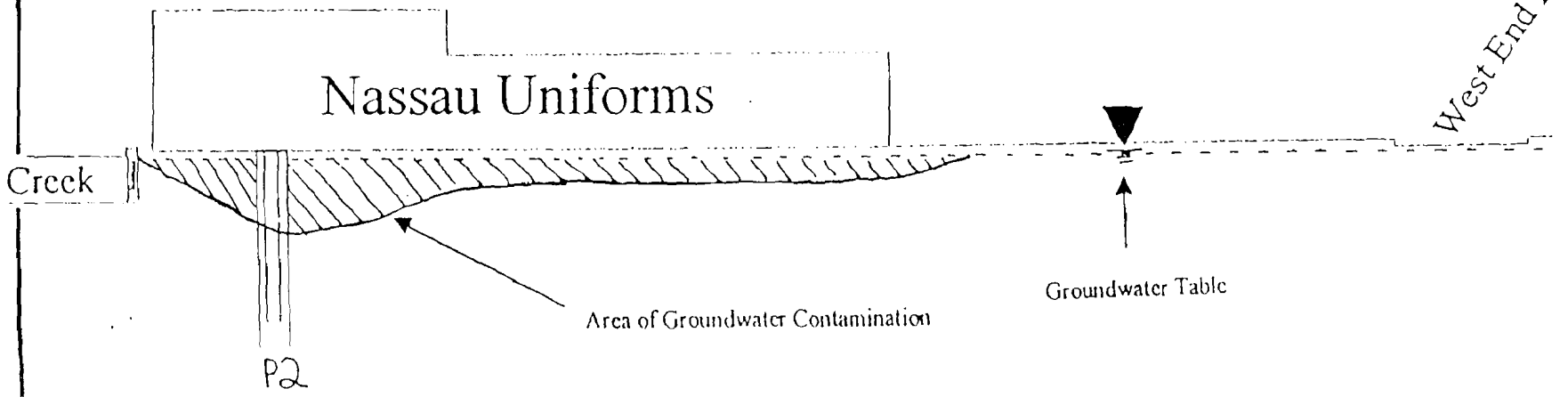


Figure 7-4

Figure 7-4
Vertical Extent of Groundwater Contamination

2.3 Background Information

2.3.1 Geology

The geology of the NUS property is generally defined to a depth of 12-feet at its western portion. Groundwater Technologies Inc. (GTI) installed the borings that defined the aforementioned western portion of the property on September 23, 1994.

The lithologic description of the soil borings indicates that the following soil types are present at the NUS property:

Depth Below Grade (ft)	Soils Description
0 to 4	mostly brown fine sand, poorly sorted, some gravel, trace clay and fill material.
4 to 8	mostly black organic marsh deposits to approximately 7-feet depth below grade (DBG), then transitions to fine sands and clay material.
8 to 12	gray and brown fine sands to approximately 10-feet DBG, then transitions to orange sand.

In general, the area surrounding the NUS site consists of marsh associated with nearby Millburn Creek. The marshlands have been developed by covering them with clean fill and are now occupied by residential and commercial buildings and properties.

Groundwater at the NUS property has been measured at approximately 5-feet DBG. However, the groundwater on the property is directly influenced by the tidal fluctuations that can range between 5 and 7-feet DBG.

3.0 Final Design Groundwater Pump and Treat System

During groundwater sampling activities prior and during the year 2000, elevated concentrations of numerous VOCs were detected in the groundwater samples collected from monitoring wells and piezometers installed on-site. Three of the most significant VOCs detected in the groundwater are tetrachloroethene, trichloroethene and vinyl chloride. The later two compounds may be breakdown products of tetrachloroethene. To remediate the elevated concentrations of VOCs present in the on-site groundwater under the NUS building, AEL installed the on-site P&T system.

The minimum P&T system equipment complement consists of vertical groundwater pumping wells, submersible pumps in each well, piping from the wells to a manifold that feeds groundwater to the input of an air stripper, a high volume blower to aerate the groundwater input to the stripper, and a granular activated carbon canister to remove vapor phase VOCs from the vapor discharge to the atmosphere.

The final design P&T system uses a ShallowTray Air Stripper Model 2631, manufactured by NEEP Systems, West Lebanon, New Hampshire. The air stripper removes VOCs contamination from the on-site groundwater that is pumped to the unit from the three P&T system pumping wells. The output from the air stripper consists of a liquid effluent and a vapor effluent. A copy of the NEEP Systems information sheets for the Model 2631 ShallowTray Air Stripper is presented in Appendix 1

A one-half horsepower, single phase, 230 volt, 4-inch diameter submersible pump is installed in each pumping well. The electrical power to each pump is independently activated from the air stripper control panel. The capacity of each submersible pump varies from 5 to 14-gallons per minute (gpm) depending upon its depth in the pumping well. Ball valves are installed at strategic locations to control the flow of pumped contaminated groundwater.

An application to discharge P&T system liquid effluent into the local sewer system was filed with Nassau County Department of Public Works (NCDPW) before the final design P&T system operation began. Subsequently, NCDPW issued Industrial Discharge Permit No. 89 to describe the requirements that the NUS P&T system must follow to remain in compliance with that permit (Appendix 2). The liquid effluent from the P&T system is currently being discharged to the local sewer district pipelines and is in compliance with Permit No. 89.

To meet NYSDEC clean air standards, the exhaust vapor from the P&T system is processed through two air purification canisters connected in series between the system exhaust stack and the air stripper vapor effluent exhaust pipe (Figure 3). The first canister contains granular activated carbon (GAC) that removes most VOC contaminants from the vapor stream. The second canister contains potassium permanganate ($KmnO_4$) that removes vinyl chloride from the exhaust vapor stream. Exhaust samples are collected from these canisters periodically and delivered to a New York State ELAP certified laboratory for analysis.

3.1 Final Design Pump and Treat System Pumping Wells

The Final Design P&T system uses three pumping wells that are installed at locations inside the site building. The approximate locations of the three pumping wells are illustrated on Figure 2 and at locations described as follows:

- PW#1 is installed adjacent to existing Piezometer #2
- PW#2 is installed at a location between the present locations of existing Piezometer #4 and Piezometer #5
- PW#3 is installed at a location adjacent to the former positions of the removed dry cleaning machines

A description of the construction of each pumping well is presented herein for reference.

As stated in Section 1.0, one pumping well, designated Pumping Well No. 1 (PW#1), was previously installed to support P&T pilot testing and is located adjacent to the present location of Piezometer #2 as shown in Figure 2. The screened portion of this pumping well is fabricated with 4-inch diameter Schedule 40, 0.020-inch slotted PVC pipe that is installed from 5-feet bgs to 40-feet bgs. The piping from the floor surface to 5-feet bfs is fabricated using 4-inch diameter

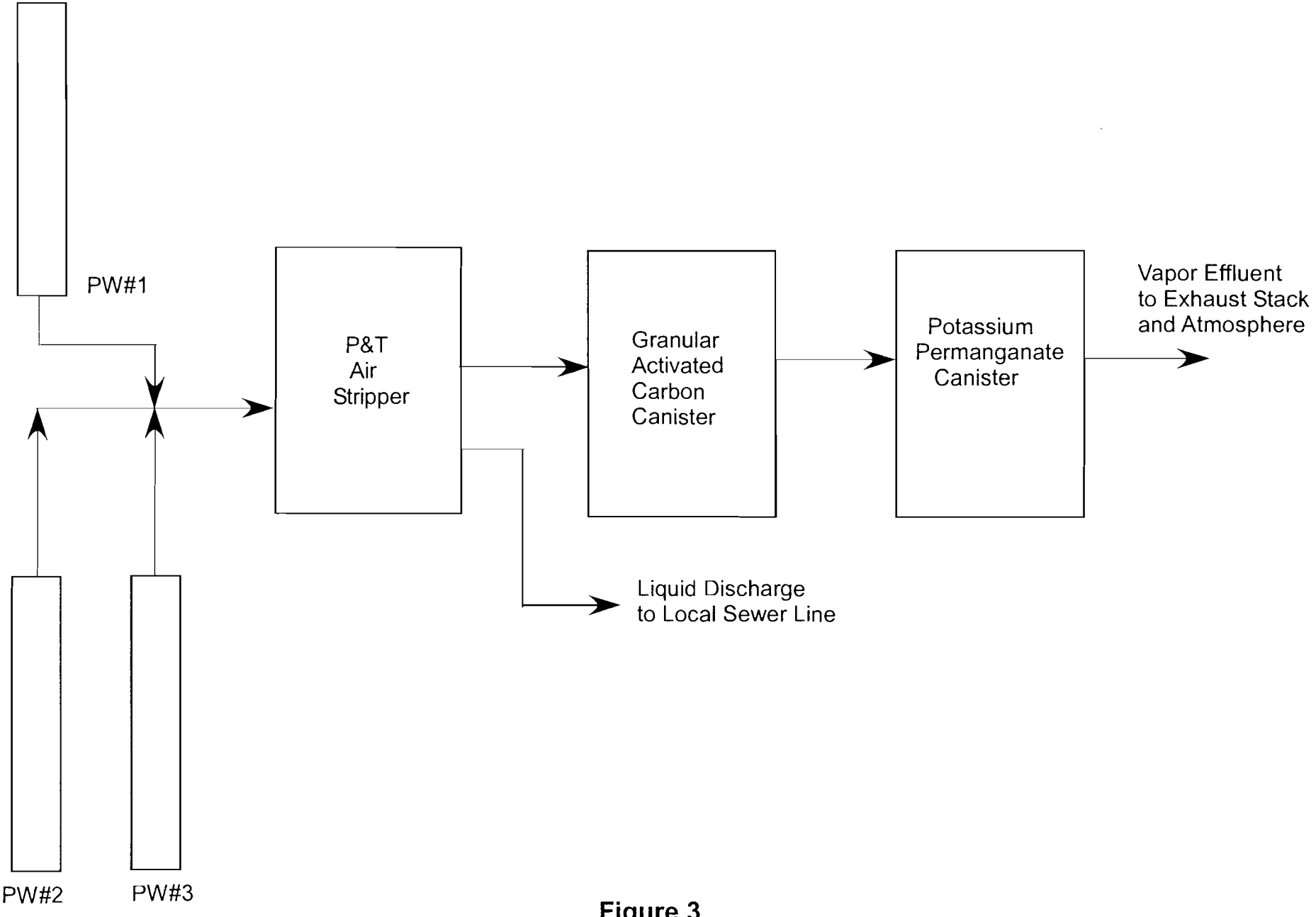


Figure 3

Block Diagram

Pump and Treat System

Schedule 40 solid PVC pipe. A metal walled 24-inch square chamber encloses PW#1. A removable 24-inch square metal plate covers the chamber and provides access to PW#1 when needed.

A second pumping well, designated Pumping Well No. 2 (PW#2), is installed at a point approximately between the present locations Piezometer #4 and Piezometer #5 (Figure 2). The screened portion of PW#2 is fabricated using 4-inch diameter Schedule 40, 0.020-inch slotted PVC pipe and is installed from 5-feet bfs to 25-feet bfs. The piping from the floor surface to 5-feet bfs is constructed using 4-inch diameter Schedule 40 solid PVC pipe. A metal walled 24-inch square chamber encloses PW#2. A removable 24-inch square metal plate covers the chamber and provides access to PW#2 when needed.

A third pumping well, designated Pumping Well #3 (PW#3), is installed inside and near the center of the building at the former location of the dry cleaning machines inside the eastern portion of the site building. The screened portion of PW#3 is fabricated using 4-inch diameter Schedule 40, 0.020-inch slotted PVC pipe and is installed from 5-feet bfs to 25-feet bfs. The piping from the floor surface to 5-feet bfs is constructed using 4-inch diameter Schedule 40 solid PVC pipe. The pipe riser for PW#3 is enclosed in a 6-inch diameter metal standpipe that extends several feet below the floor.

During March 2005, after the pumping wells were installed and developed, and before the P&T installation was completed, groundwater samples were collected from each of the pumping wells. The samples were delivered to EcoTest Laboratories where they were analyzed in accordance with the Target Compound List (TCL) VOCs plus Tentatively Identified Compounds (TICs), TCL Semi- VOCs (SVOCs), plus TICs, and 23 Metals on the Target Analyte List (TAL). A copy of the laboratory analytical report for the aforementioned samples is presented in Appendix 3. These laboratory results may be used in the future as a baseline measurement of the groundwater condition before the application of any P&T system technology.

A copy of the laboratory analytical results for the collected groundwater samples was delivered to the NYSDEC Project Manager. A copy of the laboratory results was also delivered to the ShallowTray manufacturer so that design of the unit could be finalized to adequately volatilize the concentrations of VOCs and SVOCs detected in the pumping wells.

3.2 Final Design Pump and Treat System Submersible Pumps

Upon delivery of the air stripper unit, PVC piping was installed at each of the three pumping wells to deliver pumped groundwater from the wells to the input of the air stripper. Each pumping well is equipped with a submersible electrical pump with an approximate capacity of 5 to 14 gpm. An electrical contractor was used to install the electrical power for the pumps and the air stripper. Piping was also installed from the air stripper to the air purification canisters.

Each pumping well is equipped with a dedicated Grundfos Redi-Flo4 environmental submersible pump Type 10E8. The Type 10E8 pump is 4-inch diameter, one-half horsepower, single phase, 230 volt. The electrical power for each pump is independently activated from the air stripper control panel. The capacity of each submersible pump varies from 5 to 14-gallons per minute

(gpm) depending upon its depth in the pumping well. The complete physical and electrical performance characteristics for the Type 10E8 pump are presented in Appendix 1

3.3 Final Design Pump and Treat System Air Stripper

The ShallowTray air stripper uses a forced draft, countercurrent air stripping process that travels through three baffled aeration trays that removes VOCs that are detected in the groundwater on-site. The contaminated water is injected into the top of the unit through a mist nozzle. As the water flows over the baffled aeration trays, clean air is blown through 3/16-inch diameter holes in each of the trays. This airflow causes the formation of bubbles that create a froth thereby increasing the surface area from which the VOCs can volatilize. These vapor phase contaminants can then be fed to air purification canisters where they are treated.

A copy of the NEEP Systems information sheets for the Model 2631 ShallowTray air stripper is presented in Appendix 1. The Model 2631 air stripper physical measurements are 6'6" high, 6'2" long, 4'4" wide, and weight approximately 1,200 pounds dry.

NEEP Systems used the following operating system parameters to predict the residual VOC concentrations that may be found in the liquid and vapor effluent after the contaminated groundwater is processed through the Model 2631 ShallowTray air stripper:

Water flow rate:	40.0 gallons per minute
Airflow rate:	600 cubic feet per minute
Water temperature:	50 degrees F
Air Temperature:	50 degrees F
Air/Water ratio:	112

The Model 2631 is supplied with an assortment of devices to control and monitor the P&T air stripper. These devices include pressure gauges, flow control valves, flow meters and sampling ports.

3.4 Final Design Pump and Treat System Air Purification Canisters

To meet NYSDEC clean air standards, the exhaust vapor from the proposed final design P&T system are processed through two 1,000-pound air purification canisters connected in series between the system exhaust stack and the air stripper vapor effluent exhaust pipe (Figure 3).

The first canister contains granular activated carbon (GAC) that removes most VOC contaminants from the vapor stream. The second canister contains potassium permanganate ($KmnO_4$) that removes vinyl chloride from the exhaust vapor stream. Exhaust samples are collected from these canisters periodically and delivered to a New York State ELAP certified laboratory for analysis.

3.5 Final Design Pump and Treat System Exhaust Stack

To exhaust vapor emissions to the atmosphere, a dedicated 4-inch diameter Schedule 40 PVC solid pipe stack is installed vertically along the northwest wall of the building. The exhaust stack has its exit point located approximately 10-feet above the building.

3.6 Final Design Pump and Treat System Effectiveness

As stated in Section 1.0, the P&T system has been operating full time since February 17, 2006. Since then, vapor and liquid effluent samples have been collected at least once per month. The vapor samples are delivered to Environmental Testing Laboratories, Inc., Farmingdale, New York where they are analyzed for concentrations of VOCs using EPA Method 8260. The P&T liquid discharge samples are delivered to EcoTest Laboratories, Inc., North Babylon, New York where they are analyzed for VOCs, metals and other parameters to comply with NCDPW Permit No. 89. EPA Method 8260 is used to analyze the discharge samples for concentrations of VOCs and EPA Method 200 is used to analyze the samples for concentrations of metals.

To comply with NCDPW Industrial Discharge Permit No. 89, P&T liquid discharge samples were collected on March 6, April 4, May 8 and June 6, 2006. The samples were delivered to EcoTest Laboratories where they were analyzed for VOCs, metals and other parameters of interest. Table 1 below summarizes the concentrations of VOCs using EPA Method 8260, metals and other parameters that the laboratory detected above the laboratory reporting limit (LRL). Copies of the complete laboratory analytical reports are presented in Appendix 4.

Table 1

Parameter Values Detected in the P&T System Discharge Liquid in Compliance with NCDPW Permit No. 89

Sample Dates: March – June 2006

Parameter	3/6/06	4/4/06	5/8/06	6/6/06	Units
Volatile Organic Compounds	nd	nd	nd	nd	mg/L
Barium	0.043	0.023	0.023	0.021	mg/L
Copper	nd	0.02	nd	nd	mg/L
Lead	0.006	0.014	nd	nd	mg/L
Iron	0.39	0.66	0.35	0.37	mg/L
Zinc	nd	0.02	0.01	0.02	mg/L
Manganese	0.03	0.02	0.03	nd	mg/L
Oil/Grease	nd	nd	nd	nd	mg/L
pH	7.6	7.5	7.7	7.5	
Chloride	310	54	220	150	mg/L

nd = not detected

On March 8, 2006, groundwater samples were collected from each of the three P&T pumping wells. The samples were delivered to EcoTest Laboratories, North Babylon, NY where they

were analyzed for concentrations of VOCs and semi-VOCs using EPA Methods 8260 and 8270. The samples were also analyzed for the 23 metals on the Target Analyte List (TAL). A copy of the EcoTest Laboratories report is presented in Appendix 5. A summary of the detected VOC, Semi-VOCs and metal concentrations reported by EcoTest Laboratories is listed in Tables 2 and 3 below.

Table 2

VOC and Semi-VOC Concentrations Detected in Samples Collected from Pumping Wells

Sample Date: March 8, 2006

Detected Compound	PW#1 (ug/L)	PW#2 (ug/L)	PW#3 (ug/L)
Vinyl Chloride	38	52	17
1,2 Dichloroethene	460	370	140
Trichloroethene	540	260	120
Tetrachloroethene	2000	2800	2800
Naphthalene(sv)	2	5	nd
Bis(2-ethylhexyl)phthalate	1	1	1
Acenaphthene	nd	1	nd
Dibenzofuran	nd	1	nd
Di-n-Butyl Phthalate	nd	1	nd

Table 3

Metal Concentrations Detected in Samples Collected from Pumping Wells

Sample Date: March 8, 2006

Detected Metal	PW#1 (mg/L)	PW#2 (mg/L)	PW#3 (mg/L)
Aluminum	0.01	0.01	0.03
Barium	0.013	0.066	0.018
Calcium	17	34	20
Iron	0.56	0.87	0.15
Magnesium	3	28	3.7
Manganese	0.01	0.05	nd
Mercury	nd	0.00057	nd
Potassium	2.6	12	3.1
Sodium	28	220	34
Zinc	0.01	0.01	0.01

nd = not detected

On May 8th and June 6, 2006, a groundwater samples were collected at the input manifold of the P&T System. At this sample point the groundwater from the three pumping wells is fed into the ShallowTray unit. The collected samples were delivered to EcoTest Laboratories where they were analyzed for concentrations of VOCs using EPA Method 8260 and the metals Iron and Lead. Table 4 below lists the concentrations of VOCs, iron and lead that the laboratory detected above the laboratory reporting limit (LRL). Copies of the complete laboratory analytical reports are presented in Appendix 6.

Table 4

VOC and Metal Concentrations Detected in Samples Collected from P&T System Input

Sample Date: May 8 and June 6, 2006

Parameter	5/8/06	6/6/06	Units
Vinyl Chloride	17	22	ug/L
t-1,2-Dichloroethene	7	1	ug/L
c-1,2-Dichloroethene	190	210	ug/L
Trichloroethene	210	220	ug/L
Tetrachloroethene	2300	1600	ug/L
Lead	nd	nd	mg/L
Iron	0.39	0.43	mg/L

To monitor the P&T vapor effluent Tedlar air bag samples were collected at the input of first air purification canister (GAC) and the output of the second canister ($KmnO_4$) on March 6, April 4, May 8 and June 7, 2006. The collected air bag samples were delivered to Environmental Testing Laboratories where they were analyzed for concentrations of VOCs using EPA Method 8260. The concentrations of VOCs that the laboratory detected above the method detection limit (MDL) are listed in Tables 5 and 6. Copies of the complete laboratory analytical reports for the collected air bag samples are presented in Appendix 7.

Table 5

Concentrations of VOCs Detected in Samples Collected at Air Purification Canister #1 Input

Compound	3/6/06	4/4/06	5/8/06	6/7/06	Units
Vinyl Chloride	ns	0.13	nd	0.086	mg/m^3
c-1,2-Dichloroethene	ns	1.33	0.93	0.59	mg/m^3
Trichloroethene	ns	0.36	0.25	0.17	mg/m^3
Tetrachloroethene	ns	0.80	0.80	0.48	mg/m^3

ns = no sample collected nd = not detected

Table 6

Concentrations of VOCs Detected in Samples Collected at Air Purification Canister #2 Output

Compound	3/6/06	4/4/06	5/8/06	6/7/06	Units
Vinyl Chloride	0.08	nd	nd	0.35	mg/m^3
c-1,2-Dichloroethene	0.05	1.03	0.80	0.69	mg/m^3
Trichloroethene	nd	0.053	0.10	0.29	mg/m^3
Tetrachloroethene	nd	nd	0.057	0.15	mg/m^3

ns = no sample collected nd = not detected

3.7 Final Design Pump and Treat System Shutdown Criteria

While the P&T system is operating, emissions from the P&T exhaust stack are periodically monitored using a photoionization detector (PID), gas detector tubes, and Tedlar air bag samples. The PID and gas detector tubes are useful field monitoring devices, and until the laboratory analytical results for the collected air bag samples are available, they are the only monitoring devices that are used to check the exhaust emissions in real time. Therefore, in accordance with NYSDEC requirements the following initial field screening shutdown criteria are also used to turn off the P&T system:

- The reading from the P&T vapor emission stack using a PID should not exceed 10 ppm.
- The reading from the P&T vapor emission stack using perchloroethene gas detector tubes should not exceed 10 ppm.
- The reading from the P&T vapor emission stack using vinyl chloride gas detector tubes should not exceed 10 ppm.

The NYSDEC will be notified immediately whenever the aforementioned emission stack readings are exceeded and necessitate a P&T system shutdown.

On October 10, 2002, AEL received a letter from NYSDEC that presented a refined Division of Air Resources (DAR-1 (Air Guide 1)) dispersion analysis that showed the maximum allowable total emissions of perchloroethylene and vinyl chloride for the Soil Vapor Extraction System (SVES) exhaust stack. Later, the installation of a P&T system required the installation of a second exhaust stack. The NYSDEC letter stated that the total emissions of the aforementioned compounds from the two exhaust stacks should not exceed the following quantities:

perchloroethylene	(CAS 00127-18-4)	0.20 pounds per hour
vinyl chloride	(CAS 00075-01-4)	0.06 pounds per hour

During the P&T system normal operation, AEL uses the aforementioned refined DAR-1 total emission contaminant rates for perchloroethylene and vinyl chloride as shutdown criteria for turning the SVES and/or the P&T system off.

Gas detector tubes and air bag samples are used to monitor the exhaust emissions periodically.

The NYSDEC will be notified immediately whenever the laboratory analysis of the exhaust stream air bag samples indicates that emission rates of tetrachloroethene (perchloroethylene) or vinyl chloride have exceeded the refined DAR-1 (Air Guide 1) parameters described above.

AEL will also notify NYSDEC and shut down the P&T system immediately whenever emission odor complaints are received from employees or neighbors.

The P&T system discharges liquid effluent into the Village of Freeport local sewer pipelines. Such discharge is in compliance with Nassau County Sewer Ordinances. Prior to operating the P&T system AEL submitted an application for an Industrial Discharge Permit for Significant Industrial Users. AEL has contacted Nassau County Department of Public Works (NCDPW) and they have established the periodic monitoring schedule and discharge limits for the P&T system.

Discharge monitoring is performed and reported monthly. Monitoring reports include the following:

pH
Volatile Organic Compounds (VOCs) scan
Total lead
Other pollutants or substances of concern (may be added later)
Average Flow Rate (gallons per minute)
Total Flow Volume (gallons per month)

NCDPW has established the following Discharge Limits for the P&T system:

Total VOCs	1 mg/L
Tetrachloroethene	0.05 mg/L
Lead	0.1 mg/L
pH (local limit range)	5.5 to 9.5

Whenever the aforementioned Discharge Limits are exceeded, the P&T system will be shut down and both NYSDEC and NCDPW will be notified immediately.

4.0 Groundwater Pump and Treat System Operation and Monitoring

The air purification canisters are checked as part of the operation and monitoring of the system. A PID is used in the field to check the air emissions from the ShallowTray air stripper vapor exhaust, the input and output of each air purification canister, and before the treated air is emitted to the atmosphere.

Each time the PID is used to sample the treated air from the air stripper, the sampling probe of the PID is connected to a "Tee" fitting. The vapor emission being sampled will be connected to the "Tee" to allow "straight through" movement of the emission to the ambient air. The PID sampling probe will be connected to the "Tee" to provide tangential sampling of the vapor stream entering and exiting that fitting. The force of the sampled vapor stream does not introduce errors or overwhelm the measuring function of the PID when the instrument is connected as described. This measuring technique is similar to that used to periodically calibrate the PID. Field measurements using this method are being successfully used to monitor the operations of the soil vapor extraction system currently operating at the NUS site.

The ShallowTray air stripper is resistant to fouling caused by oxidized iron. The system will be visually checked during each visit to make sure that no scale up has occurred in the vicinity of the 3/16-inch diameter holes. If such scale up has occurred, the ports will be cleaned using a washing wand and pressure washer. In the event that such washing does not remove the scale, the tray(s) will be removed and thoroughly washed. Following this cleaning, the system will be re-assembled and put back into operation.

4.1 Overview of Groundwater Pump and Treat System Monitoring Program

According to the manufacturer of the air stripper, NEEP Systems, monitoring requirements vary from site to site and are dependent on the site-specific condition of the groundwater. The ShallowTray air stripper is designed to require minimal monitoring activities and the Model 2631 has stainless steel parts to further reduce the impact of operation in saltwater environs such as Freeport, New York.

The ShallowTray Air Stripper Model 2631 has several gauges installed to allow the system to be checked for operating compliance with the manufacturer's guidelines for temperature, air pressure and water flow rate. These gauges are located on the side of the system for ease of observation.

System monitoring includes checking the system for scale and other fouling conditions. Periodic visual checking of the system will identify such conditions.

The other components of the P&T system that require monitoring include the air purification canisters. The vapor emissions from the canisters are sampled periodically and submitted for laboratory analysis to determine the concentrations of VOCs being released to the environment.

Emissions monitoring will be of three different methods. One method uses Tedlar air bags to collect vapor samples at pre-canister and post-canister sampling ports. The second method for field screening uses precision gas detector tubes to sample both tetrachloroethylene and vinyl chloride vapors at these same sampling ports. The third method uses the PID, connected as previously described, to measure the concentration of total VOCs in the vapors at the air purification canister sampling ports.

The discharge of the treated groundwater from the P&T system liquid effluent to the Nassau County sewer system requires monthly sampling of the effluent to ensure compliance with NCDPW discharge limits.

5.0 Summary and Conclusion

The P&T system has been operating at the NUS site since February 17, 2006. Since that day more than six million gallons of contaminated groundwater have been remediated by the P&T system and discharged into the local sewer district pipelines. The laboratory analytical reports for the discharge samples collected each month from the P&T system demonstrate that the P&T system is removing all detectable levels of VOCs from the contaminated groundwater that is pumped into the unit. The P&T system is operating and removing VOCs from the processed contaminated groundwater as designed and requires no unit modifications to improve performance.

Appendix 1

NEEP Systems Manufacturer's Information Sheets

Submittals & Information Packages

Date December 28, 2004
Customer's Order Number Fax - 12/10/04
Project Name Nassau Uniform
NEEP Job Number 5964
NEEP Proposal Number 901902-3

North East Environmental Products, Inc.
7 Commerce Avenue West Lebanon, NH 03784 603-298-7061
Fax: 603-298-7063 www.neepsystems.com sales@neepsystems.com

To: Martin Zin
Nassau Uniform
525 Roy Street
Freeport, NY 11520

516-378-0018

☑ **Submittals Attached**
This submittal package requires complete approvals prior to purchasing of parts and construction. The ship date will be set as 4 - 6 weeks after submittal approvals. Please check the appropriate box, sign, and send back this letter along with any marked up drawings.

- ☐ Approved, no exceptions taken
- ☐ Approved, as noted
- ☐ Rejected, see comments, revise and resubmit
- ☐ Rejected, see comments

Signed: _____ Date: _____

☐ **Information Package Attached**
This information package is enclosed for your files. The project is already under construction and parts have been ordered. No approvals are required to proceed. The target ship date has been set to _____. Any changes made to job may incur additional costs and affect the target ship date.

This package contains the 'as built' drawings and should be reviewed as such. NEEP's engineering department has reviewed the specifications and all subsequent communications. Based on this review, NEEP has designed and drafted the attached drawings. NEEP will fabricate the system based on these shop drawings, not the original specifications.

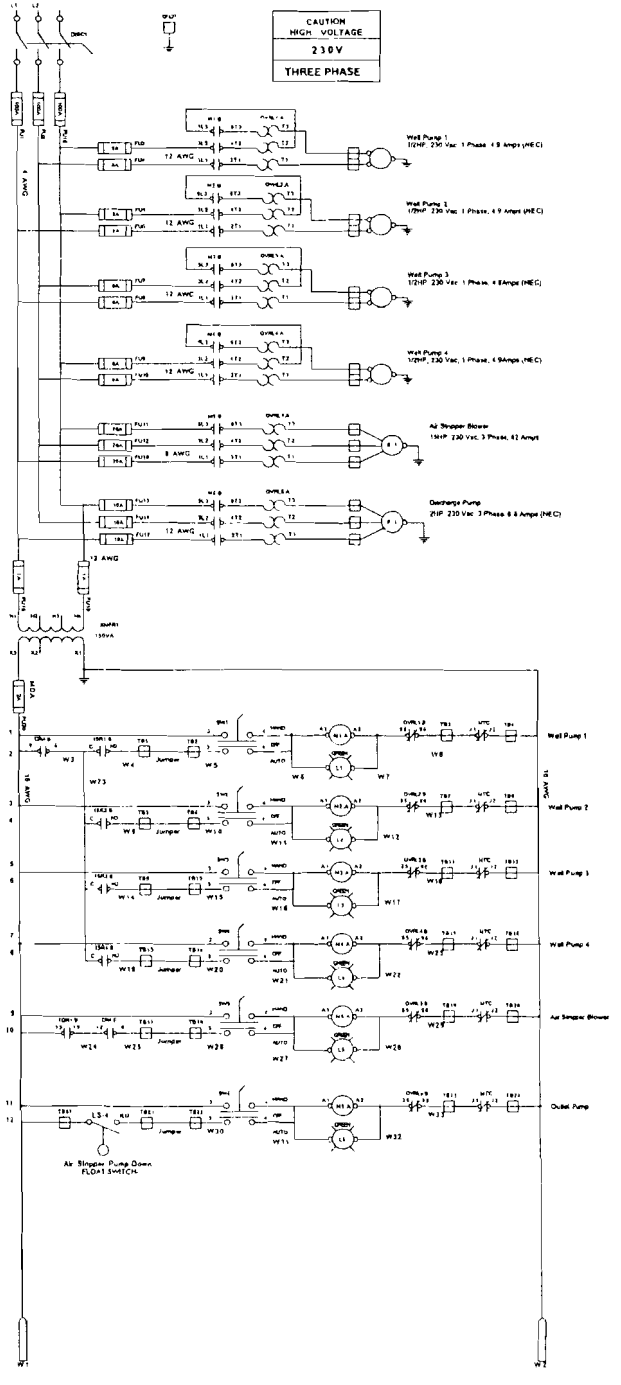
NEEP will only resubmit one more revision (based only on the original design) before added engineering charge is incurred at $135/hour.
If there are any questions, please do not hesitate to call.

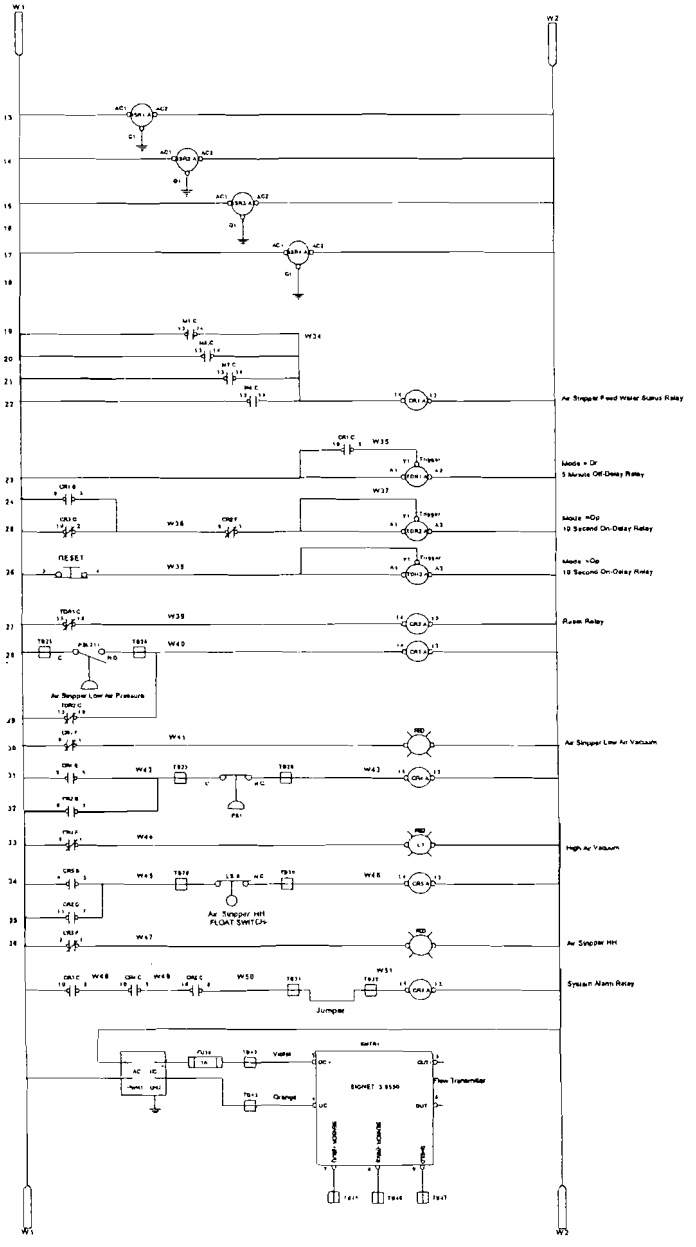
Sincerely,

Dave Cushman
Project Manager

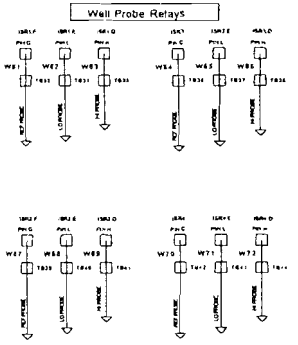
Service, 230 Vac, 3 Phase, 100 Amps, 3 Wire & Ground

CAUTION
HIGH VOLTAGE
230V
THREE PHASE

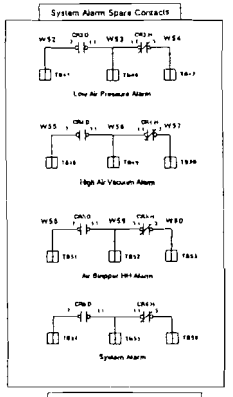




Well Probe Relays



System Alarm Spare Contacts



Torque Ratings For Field Wiring

Main Disconnect	5 NM
Distribution Block	
Ground Lug	50 lb-in
Terminal Blocks	12 lb-in
Overload 1	
Overload 2	
Overload 3	
Overload 4	
Overload 5	
Overload 6	

USE 75°C COPPER CONDUCTORS ONLY

CONDUIT/FITTINGS TO MEET ENCLOSURE RATING

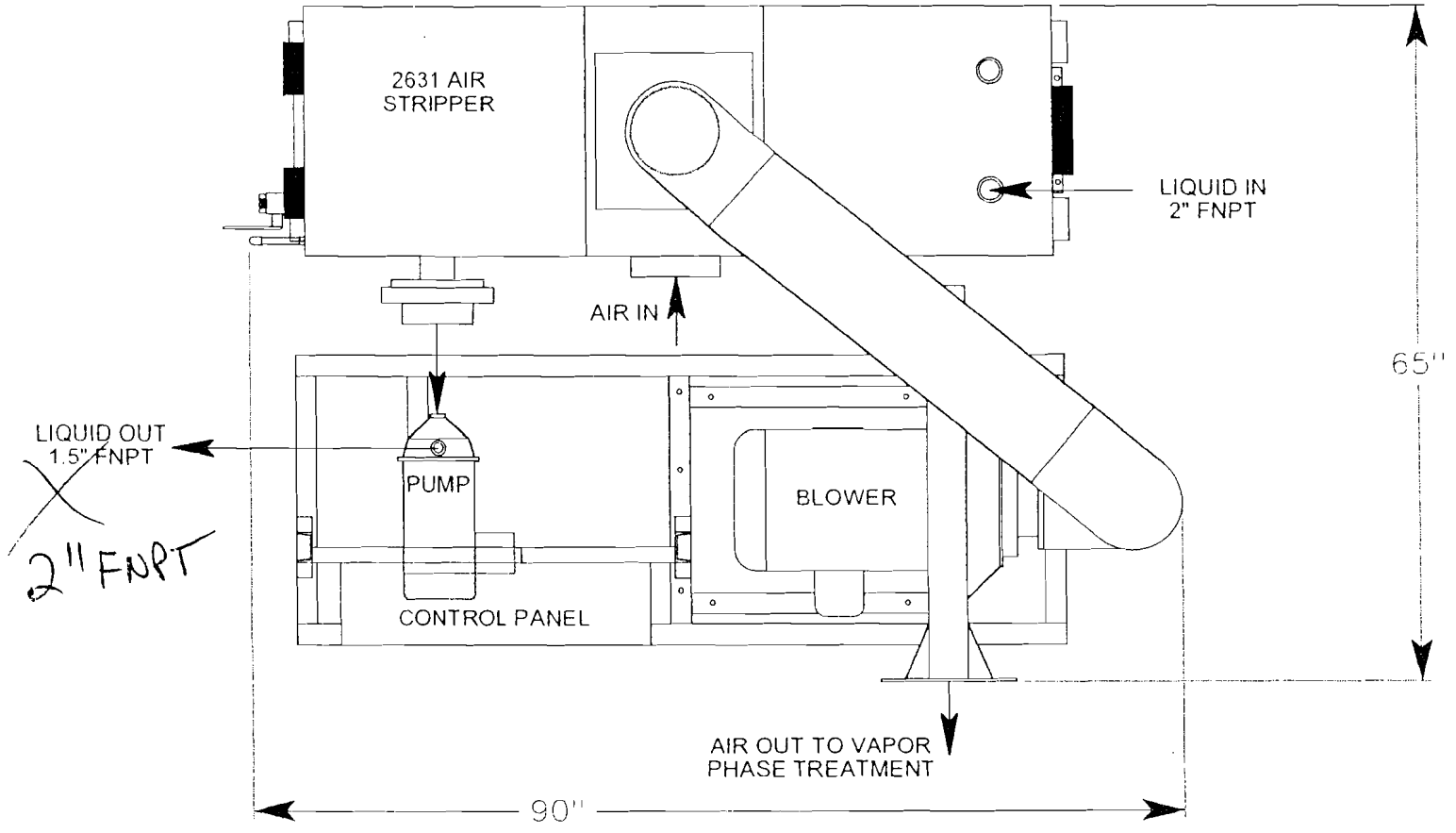
BONDING OF CONDUCTORS TO BE TIED WITH MAIN GROUND

UNDERWRITERS LABORATORIES INC
LISTED
INDUSTRIAL CONTROL PANELS

UL File # E151217

NORTH EAST ENVIRONMENTAL PRODUCTS INC
17 TECHNOLOGY DRIVE
WEST LEBANON, NH 03784
(603) 298-7061

TOLERANCES UNLESS OTHERWISE SPECIFIED: NONE	DRAWING NAME: CIRCUIT SCHEMATIC
APPROVALS / DATE	DRAWING NO: 5964sch
DRAWN: G C 12/28/04	CUSTOMER: Nassau Uniform
CHECKED	SCALE: NONE SIZE: C SHEET 1 OF 1
REV	DO NOT SCALE DRAWING



NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
7 COMMERCE AVE.
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE

NASSAU UNIFORM
FREEPORT, NY 11520

SIZE	DWG NO	SHEET	REV
A	5964 LAYOUT	1 OF 1	-

SCALE		DRAWN	DATE
1:16	DO NOT SCALE DRAWING	DC	12/28/04

ShallowTray® Low Profile Air Stripper Specification Sheet - Stainless Steel Systems

ShallowTray Serial #: 5964-05-2631 **Customer:** Martin Zin **Ship date:** T.B.D.

Engineered By: Dave Cushman Order Date: 12/14/04

Design Review: Engineering _____ Sales _____

Additional Treatment Equipment:

EconoPump Serial #: _____

I. Special Components / Requirements / Information / Comments

II. Design Criteria

Design Water Flow Rate	40 gpm
Maximum Water Flow Rate	115 gpm, which is considered a ✓ Low Water Flow Design, or ___ a High Water Flow Design, and is based on the blower model selection.
Weir Height	4" Inlet, 2" Outlet
Equipment Power Requirements	3 Ø, 230 volts, 60 Hz

INSTALL ALL EQUIPMENT PER APPLICABLE NATIONAL AND LOCAL CODES.
CUSTOMER TO PROTECT EXPLOSION-PROOF MOTORS FROM RAIN.

III. Basic System Components

CAUTION: MAXIMUM PRESSURE OR VACUUM ACROSS STAINLESS STEEL SYSTEM = 32" WC

✓ Sump Tank, Cover	✓ 304L stainless steel ___ 316L stainless steel
3 Aeration Trays (quantity)	✓ 304L stainless steel ___ 316L stainless steel
√ Latches	304L stainless steel
✓ Main Blower (with inlet screen and damper)	American Fan Model # RB-351-29.5
Minimum Required Blower Performance	___ cfm @ 44 " wc
	15 hp, 3 Ø, 230 volts, 3515 rpm
	___ Hz, ✓ TEFC or ___ EXP
	6F "Blower Inlet Size, 6F "Blower Outlet Size
	Blower P/N 500-100-05528
	Coupling P/N 500-150-00160
	Riser P/N _____
___ Blower on Inlet (Pressure system)	Main Blower Sized For:
✓ Blower on Outlet (Vacuum system)	14 "wc required for ShallowTray Air Stripper
___ Blowers on In & Out (Combo system)	30 "wc additional available for airstream equipment
✓ Demister Pad	Koch style 4310, 4" thick, 304 ss
✓ Spray Nozzle	Hollow cone, 90° pattern, sized for 15 psi, brass
✓ Sight Tube	Brass, Nalgene tubing
✓ Aeration Tray Gaskets	High density nitrile sponge rubber
✓ Inlet Piping Connection	Schedule 80 PVC, Brass
✓ Blower and Vent Line Connections	Flexible rubber couplings

IV. Optional Equipment

✓ Frame — 3 in. and 4 in. welded steel, C-Channel

✓ Air Pressure Gauge (0 - 30 "wc) — Dwyer Magnehelic 2000 series

___ Gravity Discharge Riser — PVC 80 Piping, with vacuum relief valve

___ Additional Blower (with inlet screen and damper) — _____ Fan Model #_____

Required Performance — _____cfm @_____" wc Blower P/N_____
_____hp, ____Ø, _____volts, _____rpm, _____ Hz, ____TEFC or ____EXP

____"Blower Inlet Size, ____"Blower Outlet Size

(4) ✓ Feed Pump — Grundfos Pump Model # 10E8

Required Performance — 10 gpm @ 50 ' TDH Feed Pump P/N_____
.5 hp, 1 Ø, 230 volts, _____rpm, _____ Hz, ____TEFC or ____EXP

Port Sizes: _____ inch inlet, 1.25 inch outlet. Impellor Size _____ inches

✓ Discharge Pump — American Stainless Pump Model # C2472352T3

Required Performance — 60 gpm @ 50 ' TDH Discharge Pump P/N 500-110-05571
_____hp, ____Ø, _____volts, 3450 rpm, _____ Hz, ✓ TEFC or ____EXP

Port Sizes: 2 inch inlet, 1.5 inch outlet. Impellor Size 4.75 inches

✓ Main Disconnect Switch — Integral with electrical enclosure, rotary style

___ Control Panel — Motor starters, system alarm interlock circuit, operator switches, alarm light,
NEMA _____ Enclosure, _____ Amps, _____Ø, _____Volts, _____Hz, _____ wire and ground

✓ Control Panel w/ Pump Level Control — Motor starters, system alarm interlock circuit, pump level control circuit, operator switches, alarm light,
NEMA _____ Enclosure, _____ Amps, _____Ø, _____Volts, _____Hz, _____ wire and ground

___ PurgePanel ™ — NEMA 7 Main Disconnect switch, NEMA 4 enclosure, air pressure gauge,
Low air pressure switch, Blower (100 cfm @ 2" w.c.)

___ Autodialer — Manufacturer_____

✓ Control Circuit Transformer — 230 :120vac

___ Intrinsically-Safe Relay — _____ Pepperl+Fuchs, WE77/Ex2-UL repeater relay Dual Channel, SPDT relay output
_____ Warrick 27A1E0 latching relay Single Channel, SPDT relay output

✓ Intermittent Operation — Blower time-delay circuit added to panel design. Blower shuts off 5 minutes after inlet water flow stops.

✓ Auto Operation — # of wells 4

✓ Well Probes — Warrick, series 3W

___ Blower Start/Stop Switch — Local blower switch mounted near blower

___ Power Lapse Indicator — Black-out / Brown-out indicating light, switch and circuit added to panel design

✓ Individual Alarm Light — Light and relay circuit added to panel design

___ Strobe Alarm Light — ___Red, ___ Blue, Federal Signal, NEMA 4, UL listed

___ Alarm Horn — Federal Signal

✓ Low Air ___Press. ✓ Vacuum Switch — Dwyer 1950-1, preset at 1.6" wc (range=0.3"wc to1.6" wc), Explosion-proof

✓ High Air ___Press. ✓ Vacuum Switch — Dwyer 1950, 14 "wc to 55 "wc, Explosion-proof

___ Low Water Level Alarm Float Switch — Mechanical, SJ Electro, (qty)____N.O., (qty)____N.C.

✓ High Water Level Alarm Float Switch — Mechanical, SJ Electro, (qty)____N.O., (qty)1___N.C.

✓ Discharge Pump Float Switch — Mechanical, SJ Electro, (qty)1___N.O., (qty)____N.C.

✓ Water Flow Meter — Manufacturer Signet

___ Air Flow Meter — Dwyer 2000-0 meter, single-point insertion pitot tube, mounting kit

___ Water Press. Gauge, ___inlet, ___outlet — Dial gauge, liquid-filled

___ Water Temp. Gauge, ___inlet, ___outlet — Dial gauge

___ Line Sampling Port, ___inlet, ___outlet — Schedule 80 PVC

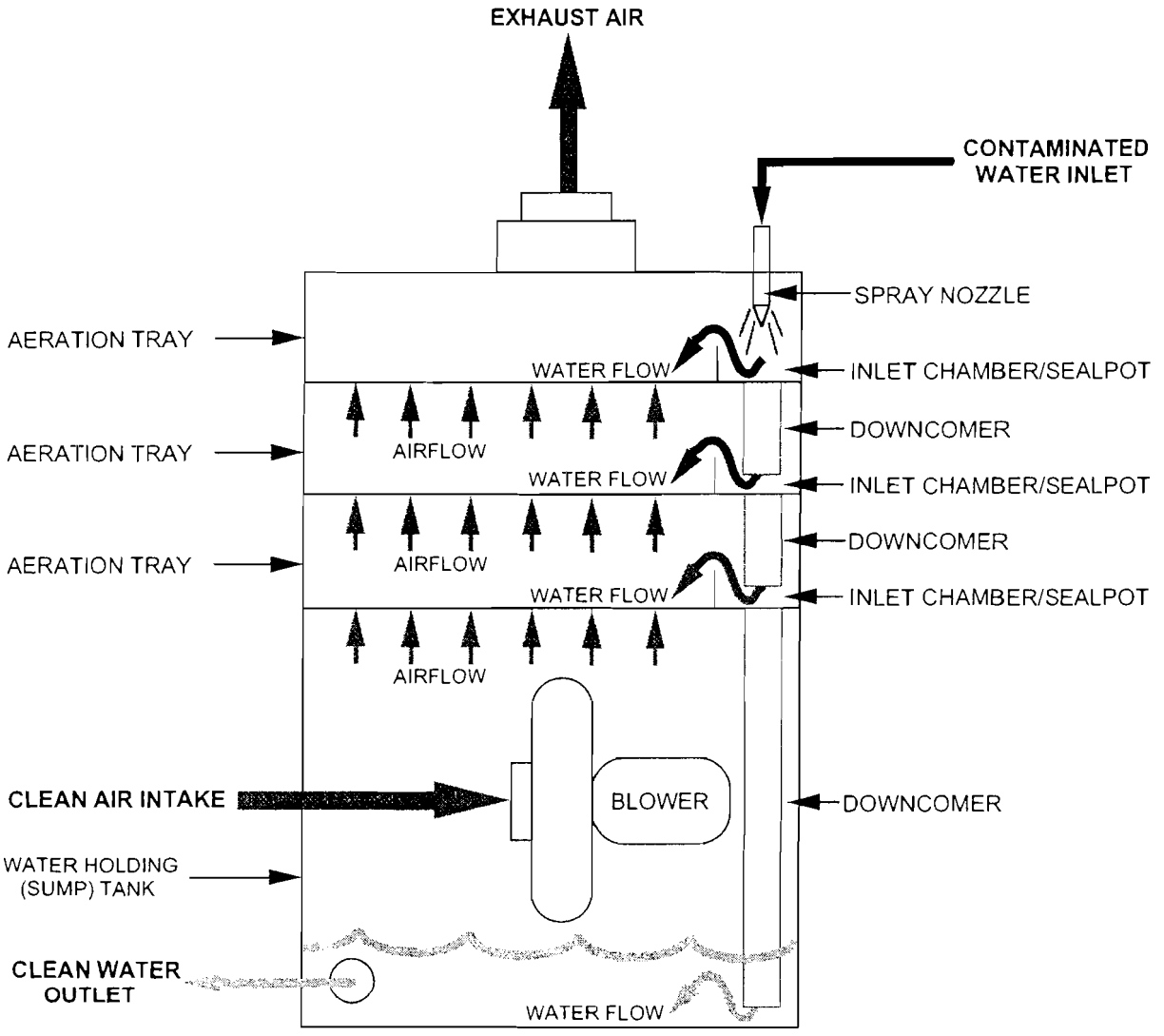
___ Air Blower Silencer — Manufacturer_____

✓ Washer Wand — Nozzle, Elbow, 1/4" steel pipe

✓ Viewport Set - 3 4"Ø, 1 8"Ø — Lexan viewports with rubber coupling

5964

AERATION PROCESS, COUNTER-CURRENT AIR AND WATER FLOW



FOR REFERENCE ONLY !

DO NOT ASSEMBLE PER THIS DRAWING. SEE DRAWINGS THAT ARE SPECIFIC TO THIS UNIT.

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NH 03784
(603) 298-7061

TOLERANCES UNLESS OTHERWISE SPECIFIED ±1 in.	DRAWING NAME: AERATION PROCESS		
	DRAWING #: 900-200-00003		
DRAWN: MS DATE: 1/11/93	CUSTOMER:		
REV: A 3/9/94	SCALE:	SIZE: A	SHEET : OF:

5964

Troubleshooting Guide for Poor Removal

WATER ISSUES

1. What is the water flow rate through the stripper?

2. Is there foam in the air stripper caused by surfactants, greases, fats , etc.?

3. What else is in the water besides the contaminates in question?

4. Are there occasional slugs of free product that could contaminate the sump of the air stripper?

5. Does the sump tank have at least 4 inches of water at all times?

6. Are the seal pots on each tray full of water?

7. Are the samples being taken, stored, and tested per approved methods?

AIR ISSUES

1. What is the air flow rate through the stripper?
   - How is it measured?
   - How does it compare with the shop tests?

2. Is there water blowing out the exhaust stack?

3. Is there air blowing out the water discharge piping?

4. What is the design of the air intake and exhaust?
   - Is there any constriction of the flow of air?

14. is there any way contaminated air can get into the blower intake?

MECHANICAL AND OTHER ISSUES

1. Is the blower spinning in the correct direction? i.e.Top of blower wheel spinning towards blower outlet. (The blower will blow air even if running backwards.)

2. Is the system level?

3. When system shuts down, does blower continue to run for 5 minutes after influent water stops?

4. Have there been any power outages that would cause untreated water to fall into the sump?

5. Are trays properly stacked so that the downcomers are in seal pots?

FOULING ISSUES

1. Is there any scaling or fouling on the trays? The holes in the trays should be 3/16 of an inch in diameter.

2. What is the sump tank pressure reading? Has it changed over time?

TYPICAL VENT LINE INSTALLATION

5964

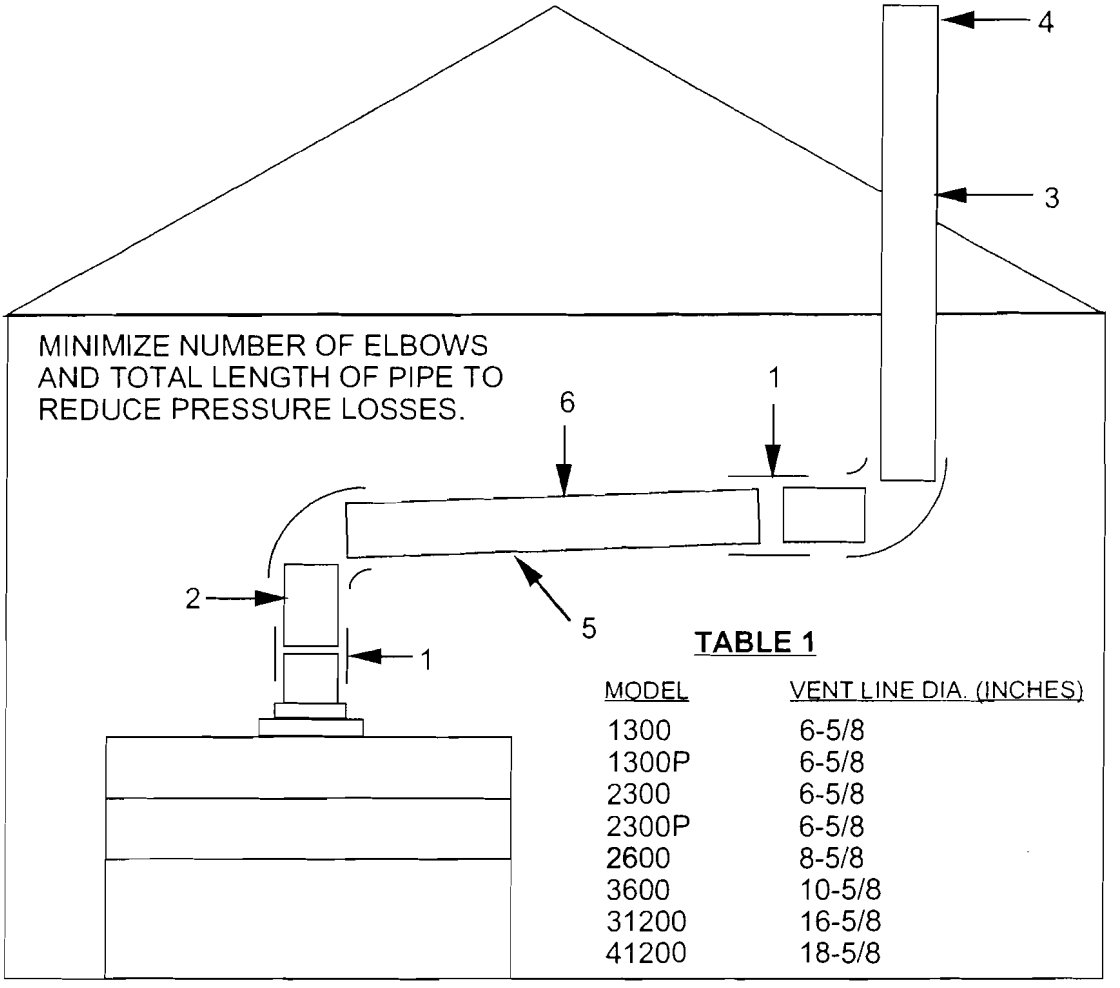


TABLE 1

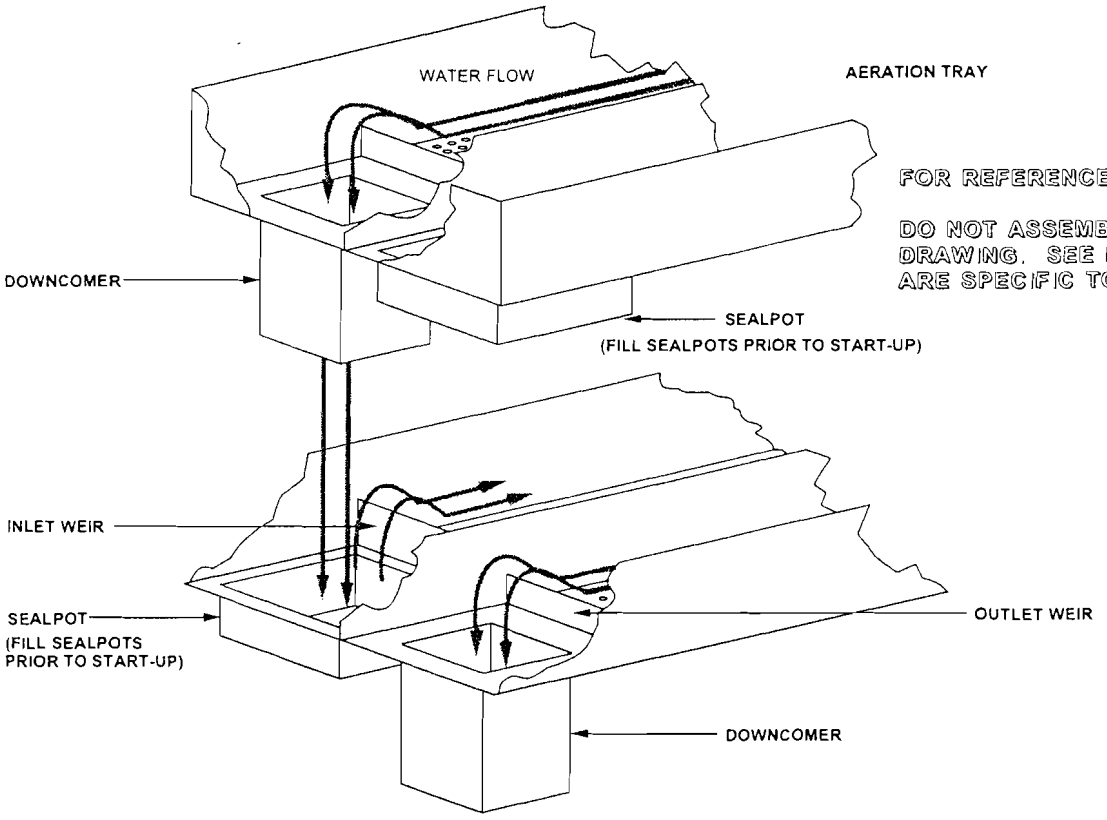
MODEL	VENT LINE DIA. (INCHES)
1300	6-5/8
1300P	6-5/8
2300	6-5/8
2300P	6-5/8
2600	8-5/8
3600	10-5/8
31200	16-5/8
41200	18-5/8

NOTES:

1. RUBBER COUPLING WITH STAINLESS STEEL RING CLAMPS.
2. VENT LINE PIPE DIAMETER MUST BE EQUAL TO OR GREATER THAN THE AIR EXHAUST VENT DIAMETER ON THE AIR STRIPPER COVER.
3. FIRMLY SUPPORT PIPE AT ROOF PENETRATION.
4. FOR INTERMITTENT OPERATION, INSTALL WIRE MESH OF 1/4" (OR LARGER). FOR DRINKING WATER SUPPLY, INSTALL ELBOW WITH WIRE MESH.
5. ALLOW CLEARANCE FOR REMOVING SECTION OF VENT LINE FOR EASY ACCESS TO AERATION TRAYS.
6. PITCH VENT LINE TOWARD SHALLOW TRAY UNIT.
7. USE PIPING THAT HAS ADEQUATE STRENGTH (PRESSURE OR VACUUM) SPECIFICATIONS, AND THAT IS OF SUITABLE MATERIAL.

5964

SEALPOT FUNCTION - WATER SEAL

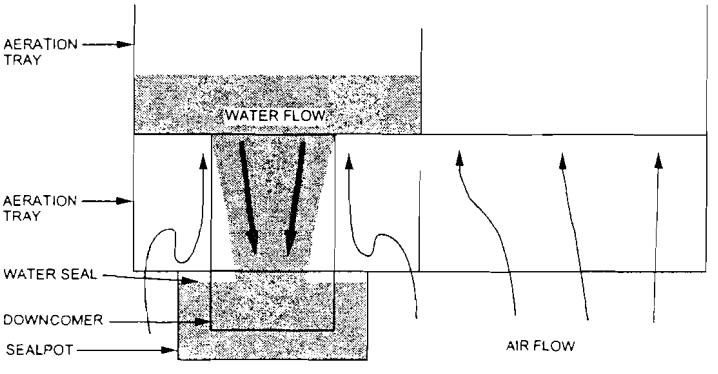


FOR REFERENCE ONLY !

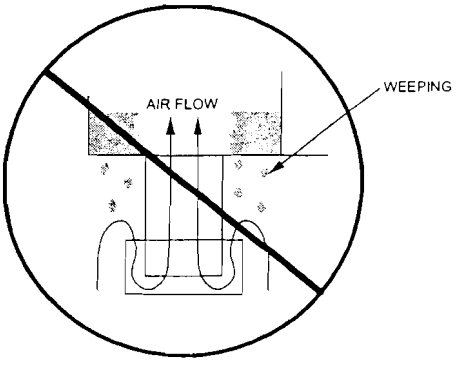
DO NOT ASSEMBLE PER THIS DRAWING. SEE DRAWINGS THAT ARE SPECIFIC TO THIS UNIT.

CAUTION!

SEALPOT MUST BE FILLED WITH WATER TO CREATE WATER SEAL.



FILLED SEALPOT



UNFILLED SEALPOT

1. EACH AERATION TRAY CONTAINS A SEALPOT. ALL SEALPOTS MUST BE FILLED WITH WATER TO FORM A WATER SEAL AROUND THE DOWNCOMERS.
2. IF SEALPOTS ARE NOT FILLED, AIR WILL TRAVEL UP THE DOWNCOMER AND PREVENT WATER FROM FLOWING DOWN THEM. THIS WILL CAUSE THE WATER TO WEEP THROUGH THE 3/16" AERATION HOLES ON THE BOTTOM OF EACH TRAY, RESULTING IN POOR REMOVAL EFFICIENCY
3. THE SUMP TANK WATER LEVEL ACTS AS A WATER SEAL FOR THE BOTTOM TRAY DOWNCOMER. MAINTAIN AT LEAST 3" OF WATER IN THE SUMP TANK AT ALL TIMES.
4. SEALPOTS CAN BE FILLED MANUALLY, OR BY FOLLOWING THE PROCEDURES LISTED IN THE OPERATION AND MAINTENANCE MANUAL.

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NH 03784
(603) 298-7061

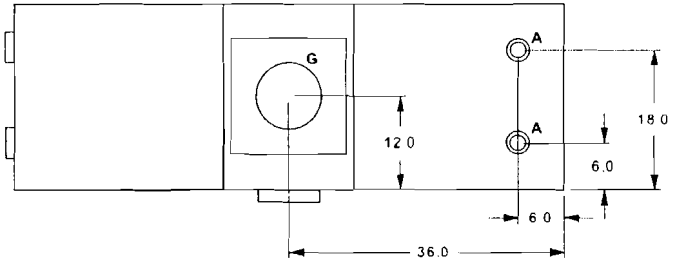
TOLERANCES UNLESS OTHERWISE SPECIFIED ± 1 in.	DRAWING NAME: SEALPOTS
	DRAWING #: 900-160-00061
DRAWN: MS DATE: 11/19/92	CUSTOMER.
REV: A 3/9/94	SCALE: SIZE: A SHEET: OF:

2600 COUPLING LAYOUT

5964

	PORT DESCRIPTION	SIZE
A	WATER INLET PORTS	2.0" FEMALE NPT FULL COUPLING
B	WATER OUTLET PORT	4.0" FLANGE
C	AIR INLET PORT	8.0" SLIP FIT RING FOR RUBBER COUPLING
D	SUMP DRAIN PORT TRAY SAMPLE PORTS	1.0" FEMALE NPT HALF COUPLING
E	FLOAT SWITCH PORTS	0.5" FEMALE NPT FULL COUPLING
F	SIGHT TUBE PORTS	0.5" FEMALE NPT FULL COUPLING
G	AIR EXHAUST PORT	8.0" SLIP FIT RING FOR RUBBER COUPLING
H	SUMP TANK VIEW PORT	8.0" SLIP FIT RING FOR RUBBER CAP
J	AERATION TRAY VIEW PORT	4.0" SLIP FIT RING FOR RUBBER CAP
K	PRESSURE PORTS	0.5" FEMALE NPT FULL COUPLING

TOP

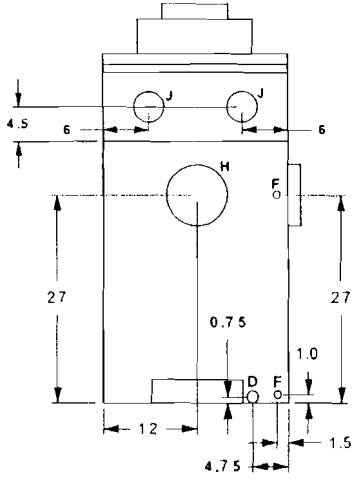


DIMENSION CHART (INCHES)

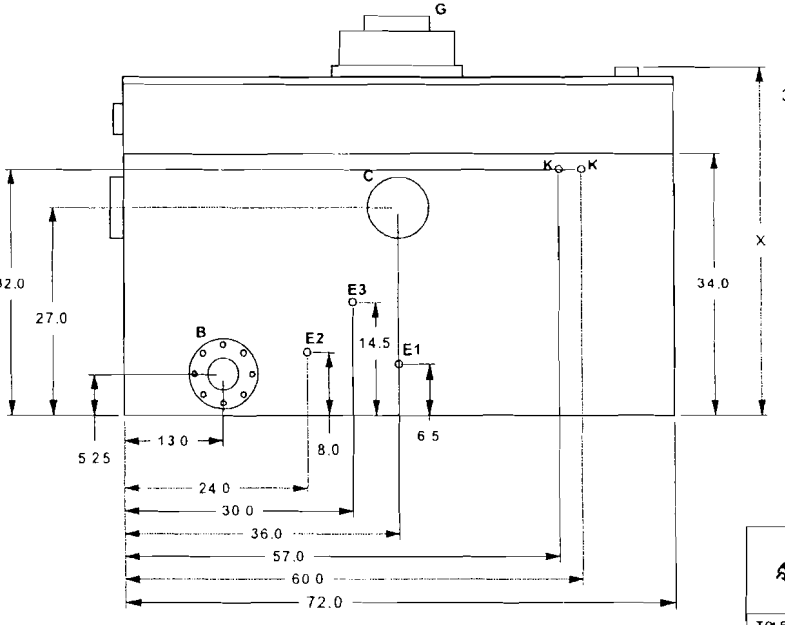
	X	Y	Z
2611	44.25	43.25	52.5
2621	53.5	52.5	61.75
2631	62.75	61.75	71.0
2641	72.0	71.0	80.25
2651	81.25	80.25	89.5

NOTE:
INCLUDES ADDITIONAL HEIGHT OF GASKET BETWEEN TRAYS AND COVER.

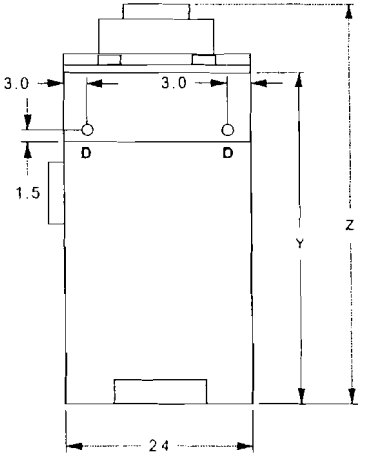
LEFT



FRONT



RIGHT



SWITCH LOCATION

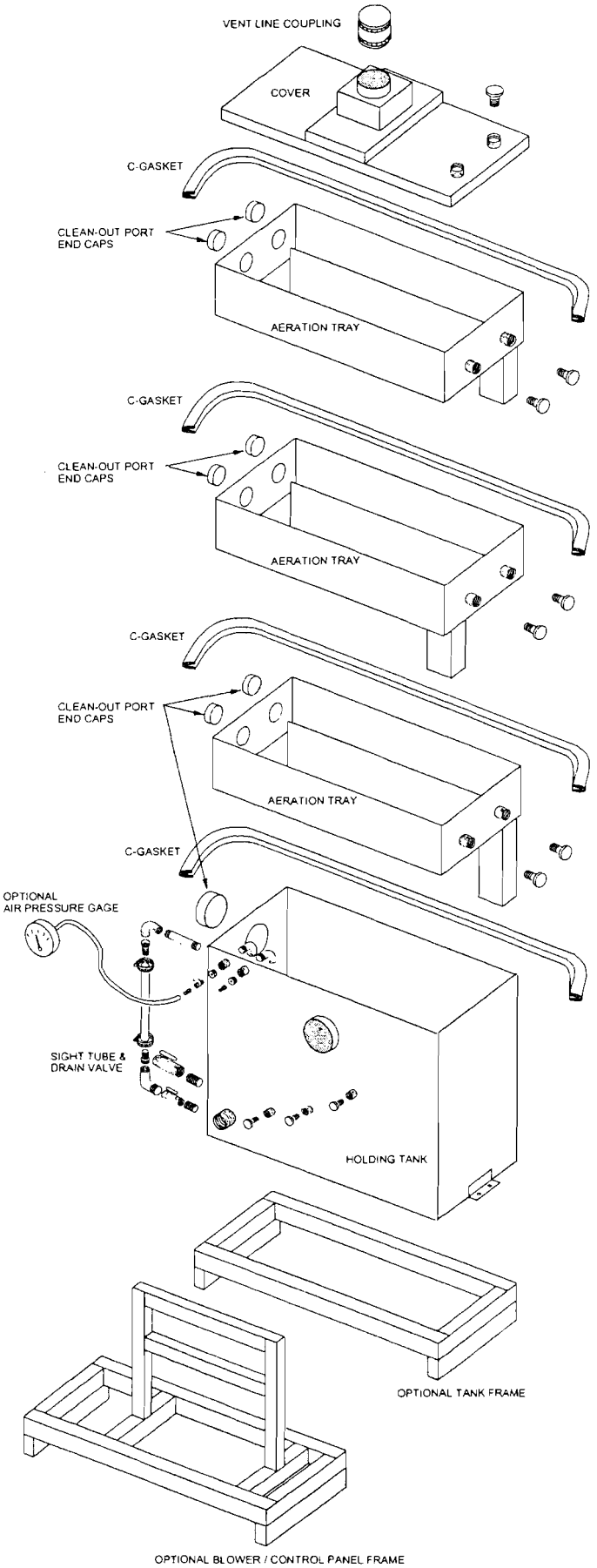
E1	E2	E3	
✓			FLOAT SWITCH, NORMALLY OPEN
		✓	FLOAT SWITCH, NORMALLY CLOSED
	✓		0.5" NPT PLUG

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NH 03784
(603)-298-7061

TOLERANCES UNLESS OTHERWISE SPECIFIED ±.060 in.	DRAWING NAME: COUPLING LAYOUT, 2600-9"
DRAWN BY: KM	DRAWING #: 900-160-00072
DATE: 6/29/94	SHEET: 1 OF: 1 / SIZE: A
REVISION & DATE: REV C 10/17/01	REVISED BY: GC / DRAWING SCALE: 1:20

2631 BASE SUBASSEMBLY

5964



1 - (200-160-00040), COVER ASSEMBLY
3 - (200-160-00050), AERATION TRAY ASSEMBLY
1 - (200-160-00060), HOLDING TANK ASSEMBLY
1 - (200-140-00010), SIGHT TUBE ASSEMBLY
1 - (200-140-00142), DRAIN VALVE ASSEMBLY
1 - (500-160-01210), DOWNCOMER, 33"
2 - (500-160-01200), DOWNCOMER, 12"
3 - (500-160-01220), SEALPOT
3 - (500-160-01170), WEIR, 2"
3 - (500-160-01190), WEIR, 4"
6 - (500-150-00290), GASKET, SEALPOT & DC
1 - (500-160-00060), DEMISTER PAD, 2600
1 - (500-150-00160), FERNCO RUB. COUPLING 1056-88
6 - (500-150-00220), CAP, RUBBER 4"
1 - (500-150-00200), CAP, RUBBER 8"
6 - (500-140-02020), 1" PLUG M T
1 - (500-140-02050), 2" PLUG MT, PVC80
2 - (500-140-02880), 1/8" HOSE BARB
2 - (500-140-02520), 1/2"Mx1/2"F STREET EL. BRASS
2 - (500-140-02205), 1/2"Mx1/8"F BUSHING, BRASS
1 - (500-140-02735), 1/8"Mx1/8"F VALVE, BRASS
64 ft - (500-150-00230), C-SHAPED GASKET
1- (500-160-01065), FLATNESS BRACKET

SELECT OPTIONAL FRAME COMPONENTS AS REQUIRED:

☑ 1 - (500-170-00051) TANK FRAME, 2600
☑ 1 - (500-170-00061), BLOWER FRAME, 2600
☑ 1 - (500-170-00045), PANEL MOUNT, 2600

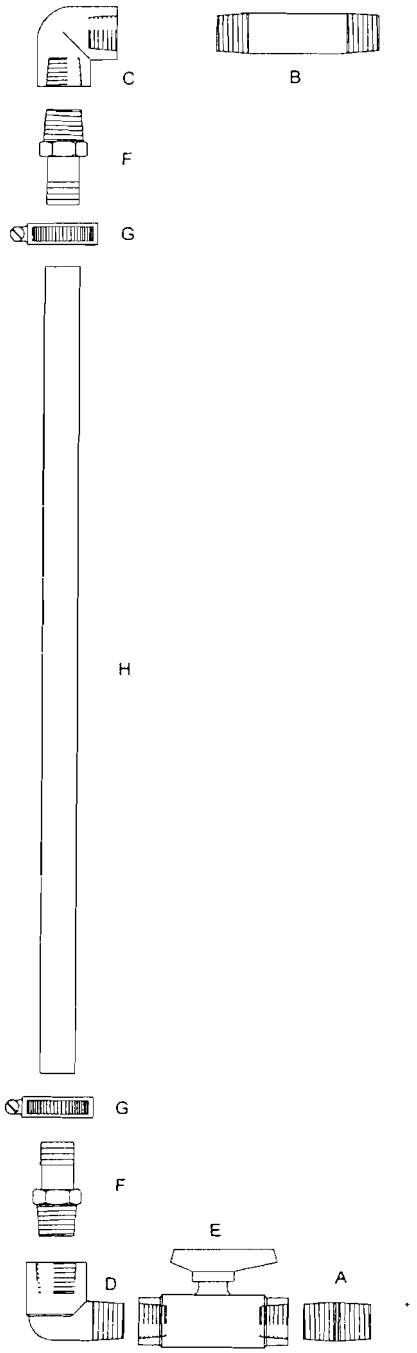
NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NH 03784
(603) 298-7061

TOLERANCES UNLESS OTHERWISE SPECIFIED ± 1 in.	DRAWING NAME: 2631 BASE SUBASSEMBLY
	DRAWING #: 200-160-00511
DRAWN MB DATE 1/28/93	CUSTOMER:
REV B DATE 7/15/97	SCALE / SIZE A / SHEET OF:

CHOOSE ONE SIGHT TUBE.

(NOTE THAT BRASS SIGHT TUBES ARE ALREADY PART OF THE BASE SUBASSEMBLY, AND THE STAINLESS SIGHT TUBE SUBS ARE AN OPTION).

5964



BRASS
(STANDARD)

☑ **200-140-00010**
SIGHT TUBE, BRASS, FOR 1300 /2300/ 2600/ 3600

1	A	500-140-02980, NIPPLE, .5XCLOSE, TXT, BRASS
1	B	500-140-03030, NIPPLE, .5X3.5L, TXT, BRASS
1	C	500-140-02510, ELBOW, 90°, .5FX.5F, TXT, BRASS
1	D	500-140-02520, ELBOW, STREET, 90°, .5FX.5M, TXT, BRASS
1	E	500-140-02740, VALVE, BALL, .5FX.5F, TXT, BRASS
2	F	500-140-02890, HOSE BARB, .5MX.5M, TXB, BRASS
2	G	500-140-00030, HOSE CLAMP, .41-.88, SS
21"	H	500-200-00150, TUBE, CLEAR, .5 ID, TYGON

☐ **200-140-00020**
SIGHT TUBE, BRASS, FOR 3120/ 4120

1	A	500-140-02980, NIPPLE, .5XCLOSE, TXT, BRASS
1	B	500-140-03030, NIPPLE, .5X3.5L, TXT, BRASS
1	C	500-140-02510, ELBOW, 90°, .5FX.5F, TXT, BRASS
1	D	500-140-02520, ELBOW, STREET, 90°, .5FX.5M, TXT, BRASS
1	E	500-140-02740, VALVE, BALL, .5FX.5F, TXT, BRASS
2	F	500-140-02890, HOSE BARB, .5MX.5M, TXB, BRASS
2	G	500-140-00030, HOSE CLAMP, .41-.88, SS
29"	H	500-200-00150, TUBE, CLEAR, .5 ID, TYGON

STAINLESS STEEL
(OPTIONAL)

☐ **200-140-00011**
SIGHT TUBE, 316 ST. STEEL, FOR 1300 /2300/ 2600/ 3600

1	A	500-140-04010, NIPPLE, .5XCLOSE, TXT, 316SS
1	B	500-140-04012, NIPPLE, .5X3.5L, TXT, 316SS
1	C	500-140-03995, ELBOW, 90°, .5FX.5F, TXT, 316SS
1	D	500-140-03996, ELBOW, STREET, 90°, .5FX.5M, TXT, 316SS
1	E	500-140-04030, VALVE, BALL, .5FX.5F, TXT, 316SS
2	F	500-140-04000, HOSE BARB, .5MX.5M, TXB, 316SS
2	G	500-140-00030, HOSE CLAMP, .41-.88, SS
21"	H	500-200-00151, TUBE, CLEAR, .5 ID, TEFLON

☐ **200-140-00021**
SIGHT TUBE, 316 ST. STEEL, FOR 3120/ 4120

1	A	500-140-04010, NIPPLE, .5XCLOSE, TXT, 316SS
1	B	500-140-04012, NIPPLE, .5X3.5L, TXT, 316SS
1	C	500-140-03995, ELBOW, 90°, .5FX.5F, TXT, 316SS
1	D	500-140-03996, ELBOW, STREET, 90°, .5FX.5M, TXT, 316SS
1	E	500-140-04030, VALVE, BALL, .5FX.5F, TXT, 316SS
2	F	500-140-04000, HOSE BARB, .5MX.5M, TXB, 316SS
2	G	500-140-00030, HOSE CLAMP, .41-.88, SS
29"	H	500-200-00150, TUBE, CLEAR, .5 ID, TYGON

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE: SIGHT TUBE SUBASSEMBY			
SIZE: A	DWG NO: 900-140-00044	SHEET: 1 OF 1	REV: B
SCALE: NONE	DO NOT SCALE DRAWING	DRAWN: RC	DATE: 9/16/96

5964

CHOOSE ONE DRAIN VALVE.
(NOTE THAT BRASS DRAIN VALVES ARE ALREADY PART OF THE BASE SUBASSEMBLY, AND THE STAINLESS DRAIN VALVE SUBS ARE AN OPTION).

BRASS
(STANDARD)

☑ **200-140-00142**
DRAIN VALVE, BRASS, 1", FOR 13/23/26/36

A 1 500-140-03060 Nipple 1.0xClose
B 1 500-140-02780 Valve, Ball,1.0Fx1.0F, Brass

☐ **200-140-00141**
DRAIN VALVE, BRASS, 2", FOR 312/412

A 1 500-140-03250 Nipple 2.0x4.0L
B 1 500-140-02760 Valve Ball 2.0Fx2.0F

316 STAINLESS STEEL
(OPTIONAL)

☐ **200-140-00145**
DRAIN VALVE, 316 ST. STEEL, 1/2", FOR 13P/23P

A 1 500-140-04010 Nipple,.5xClose,TxT,316 SST
B 1 500-140-04030 Valve,Ball,.5Fx.5F,TxT,316SST,

☐ **200-140-00148**
DRAIN VALVE, 316 ST. STEEL, 3/4"

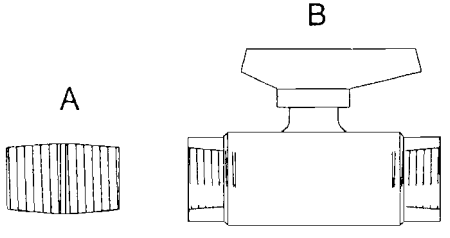
A 1 500-140-04011 Nipple,.75xclose,TxT,316SS
B 1 500-140-04031 Valve,Ball,.75Fx.75F,TxT,316SS

☐ **200-140-00140**
DRAIN VALVE, 316 ST. STEEL, 1", FOR 13/23/26/36

A 1 500-140-04014 Nipple,1.0xClose,TxT,316 SST
B 1 500-140-04032 Valve,Ball,1.0Fx1.0F,TxT,316SS

☐ **200-140-00147**
DRAIN VALVE, 316 ST. STEEL, 2", FOR 312/412

A 1 500-140-04022 Nipple,2.0x2.5L,TxT,316 SST
B 1 500-140-04035 Valve,Ball,2Fx2F,TxT,316SST,Vi



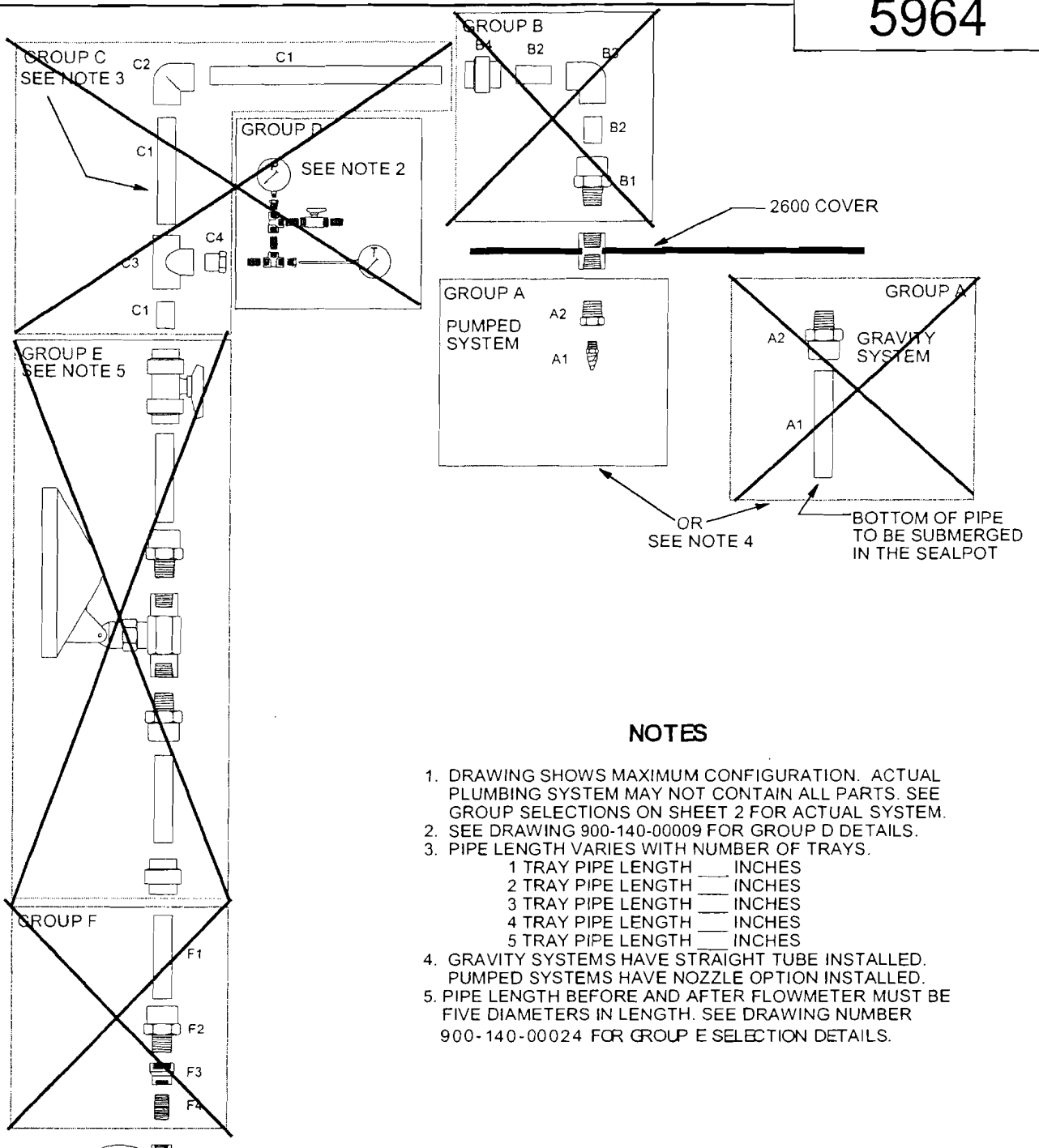
NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
7 COMMERCE AVE.
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE: DRAIN VALVE SUBASSEMBY

SIZE	DWG NO.	SHEET	REV
A	900-140-00045	1 of 1	B

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	DC	3/2/04

5964



PUMP PORTS	
INLET	
OUTLET	

NOTES

1. DRAWING SHOWS MAXIMUM CONFIGURATION. ACTUAL PLUMBING SYSTEM MAY NOT CONTAIN ALL PARTS. SEE GROUP SELECTIONS ON SHEET 2 FOR ACTUAL SYSTEM.
2. SEE DRAWING 900-140-00009 FOR GROUP D DETAILS.
3. PIPE LENGTH VARIES WITH NUMBER OF TRAYS.
   - 1 TRAY PIPE LENGTH ___ INCHES
   - 2 TRAY PIPE LENGTH ___ INCHES
   - 3 TRAY PIPE LENGTH ___ INCHES
   - 4 TRAY PIPE LENGTH ___ INCHES
   - 5 TRAY PIPE LENGTH ___ INCHES
4. GRAVITY SYSTEMS HAVE STRAIGHT TUBE INSTALLED. PUMPED SYSTEMS HAVE NOZZLE OPTION INSTALLED.
5. PIPE LENGTH BEFORE AND AFTER FLOWMETER MUST BE FIVE DIAMETERS IN LENGTH. SEE DRAWING NUMBER 900-140-00024 FOR GROUP E SELECTION DETAILS.

DESIGN FLOW RATE	
40	GPM

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE

2600 INLET PLUMBING SYSTEM PVC 80

SIZE	DWG NO.	SHEET	REV
A	900-140-00023	1 OF 2	Ø

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	RC	9-1-94

PLUMBING SYSTEM SELECTION

5964

SELECT ONE FROM EACH APPLICABLE GROUP

GROUP A

☐ **200-140-01160 NOZZLE 2 TO 14 GPM**
A1 1 500-140-00170 Nozzle,14.5gpm@15psi,.5,Brass
A2 1 500-140-00500 Bushing,2.0Mx.5F,TxT,PVC80

☑ **200-140-01161 NOZZLE 14 TO 50 GPM**
A1 1 500-140-00210 Nozzle,57.0gpm@15psi,1.0,Brass
A2 1 500-140-00530 Bushing,2.0Mx1.0F,TxT,PVC 80

☐ **200-140-01162 NOZZLE 50 TO 90 GPM**
A1 1 500-140-00230 Nozzle,102.0gpm@15psi,1.5,Bras
A2 1 500-140-00570 Bushing,2.0Mx1.5F,TxT,PVC80

☐ **200-140-01163 GRAVITY (2" TUBE)**
A1 10" 500-140-01690 Pipe,2.0",PVC 80
A2 1 500-140-01120 Adapter,2.0Mx2.0F,TxS,PVC80

GROUP B

☐ **200-140-01164 ENTRY ELBOW**
B1 1 500-140-01120 Adapter,2.0Mx2.0F,TxS,PVC80
B2 12" 500-140-01690 Pipe,2.0",PVC 80
B3 1 500-140-00880 Elbow,90,2.0Fx2.0F,SxS,PVC80
B4 1 500-140-01250 Union,2.0,SxS,PVC80

GROUP F

☐ **200-140-01174 PUMP (1.25" PORT)**
F1 12" 500-140-01690 Pipe,2.0",PVC 80
F2 1 500-140-01120 Adapter,2.0Mx2.0F,TxS,PVC80
F3 1 500-140-02410 Coupling,Reducer,2.0Fx1.5F,TxT
F4 1 500-140-03170 Nipple,1.5xClose,TxT,Brass

☐ **200-140-01175 PUMP (1.5" PORT)**
F1 12" 500-140-01690 Pipe,2.0",PVC 80
F2 1 500-140-01120 Adapter,2.0Mx2.0F,TxS,PVC80
F3 1 500-140-02410 Coupling,Reducer,2.0Fx1.5F,TxT
F4 1 500-140-03170 Nipple,1.5xClose,TxT,Brass

GROUP D

☐ SEE DRAWING Nº 900-140-00009
FOR GROUP D SELECTION

GROUP E

☑ SEE DRAWING Nº 900-140-00024
FOR GROUP E SELECTION

GROUP C

☐ **200-140-01165 TRAY EXTENDER (1 TRAY)**
C1 30" 500-140-01690 Pipe,2.0",PVC 80
C2 1 500-140-00880 Elbow,90,2.0Fx2.0F,SxS,PVC80
C3 1 500-140-01000 Tee,2.0",S,PVC80
C4 1 500-140-00480 Bushing,2.0Mx.5F,SxT,PVC80

☐ **200-140-01166 TRAY EXTENDER (2 TRAY)**
C1 40" 500-140-01690 Pipe,2.0",PVC 80
C2 1 500-140-00880 Elbow,90,2.0Fx2.0F,SxS,PVC80
C3 1 500-140-01000 Tee,2.0",S,PVC80
C4 1 500-140-00480 Bushing,2.0Mx.5F,SxT,PVC80

☐ **200-140-01167 TRAY EXTENDER (3 TRAY)**
C1 50" 500-140-01690 Pipe,2.0",PVC 80
C2 1 500-140-00880 Elbow,90,2.0Fx2.0F,SxS,PVC80
C3 1 500-140-01000 Tee,2.0",S,PVC80
C4 1 500-140-00480 Bushing,2.0Mx.5F,SxT,PVC80

☐ **200-140-01168 TRAY EXTENDER (4 TRAY)**
C1 60" 500-140-01690 Pipe,2.0",PVC 80
C2 1 500-140-00880 Elbow,90,2.0Fx2.0F,SxS,PVC80
C3 1 500-140-01000 Tee,2.0",S,PVC80
C4 1 500-140-00480 Bushing,2.0Mx.5F,SxT,PVC80

☐ **200-140-01169 TRAY EXTENDER (5 TRAY)**
C1 70" 500-140-01690 Pipe,2.0",PVC 80
C2 1 500-140-00880 Elbow,90,2.0Fx2.0F,SxS,PVC80
C3 1 500-140-01000 Tee,2.0",S,PVC80
C4 1 500-140-00480 Bushing,2.0Mx.5F,SxT,PVC80

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE
2600 INLET PLUMBING SYSTEM PVC 80

SIZE	DWG NO.	SHEET	REV
A	900-140-00023	2 OF 2	Ø

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	RC	9-1-94

5964

PLUMBING SYSTEM SELECTION

SELECT ONE FROM EACH APPLICABLE GROUP

GROUP A

☐ **200-140-01516 PUMP - 1.50" INLET PORT**
1 500-140-01763 Gasket, 4",rubber,.125",for fl
A1 1 500-140-05100 Flange,threaded,4",cast iron
A2 1 500-140-02352 Bushing,4.0Mx3.0F,TxT,A3 Brass
A3 1 500-140-02339 Bushing,3.0Mx1.5F,TxT,Brass
A4 1 500-140-03170 Nipple,1.5xClose,TxT,Brass

☐ **200-140-01517 PUMP - 2.0" INLET PORT**
1 500-140-01763 Gasket, 4",rubber,.125",for fl
A1 1 500-140-05100 Flange,threaded,4",cast iron
A2 1 500-140-02352 Bushing,4.0Mx3.0F,TxT,Brass
A3 1 500-140-02340 Bushing,3.0Mx2.0F,TxT,Brass
A4 1 500-140-03210 Nipple,2.0xClose,TxT,Brass

☐ **200-140-01518 PUMP - 2.5" INLET PORT**
1 500-140-01763 Gasket, 4",rubber,.125",for fl
A1 1 500-140-05100 Flange,threaded,4",cast iron
A2 1 500-140-02352 Bushing,4.0Mx3.0F,TxT,Brass
A3 1 500-140-02350 Bushing,3.0Mx2.5F,TxT,Brass
A4 1 500-140-03260 Nipple,2.5xClose,TxT,Brass

GROUP B

☐ **200-140-01530 PUMP - 1.25" OUTLET PORT**
CHECK VALVE IN SUBASSEMBLY
B1 1 500-140-03160 Nipple,1.25x6.0L,TxT,Brass
B2 2 500-140-02300 Bushing,1.5Mx1.25F,TxT,Brass
B3 1 500-140-02850 Valve,Check,1.5Fx1.5F,TxT,Bras
B4 2 500-140-03100 Nipple,1.25xClose,TxT,Brass
B5 1 500-140-02770 Valve,Ball,1.25Fx1.25F,TxT,Bra
B6 1 500-140-02650 Tee,1.25Fx1.25Fx1.25F,TxTxT,Br
B7 1 500-140-02305 Bushing,1 25Mx.5F,TxT,Brass
2 500-140-02735 Valve,Shut-Off,.125Mx.125F,TxT

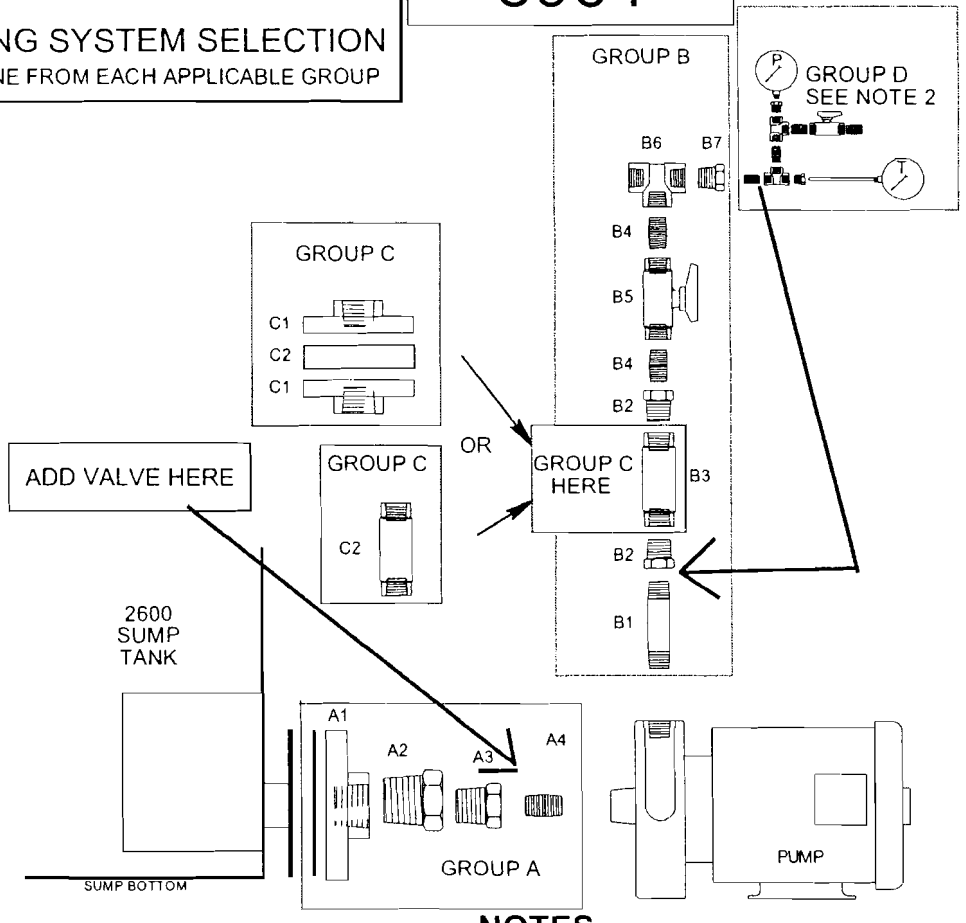
☐ **200-140-01540 PUMP - 1.5" OUTLET PORT**
CHECK VALVE IN SUBASSEMBLY
B1 1 500-140-03200 Nipple,1.5x5.0L,TxT,Brass
B2 2 500-140-02310 Bushing,2.0Mx1.5F,TxT,Brass
B3 1 500-140-02860 Valve,Check,2.0Fx2.0F,TxT,Bras
B4 2 500-140-03170 Nipple,1.5xClose,TxT,Brass
B5 1 500-140-02790 Valve,Ball,1.5Fx1.5F,TxT,Brass
B6 1 500-140-02651 Tee,1.5Fx1.5Fx1.5F,TxTxT,Brass
B7 1 500-140-02301 BUSHING,1.5x.5,TxT,Brass
2 500-140-02735 Valve,Shut-Off,.125Mx.125F,TxT

☐ **200-140-01550 PUMP - 2.0" OUTLET PORT**
MUST PICK GROUP C FOR CHECK VALVE
B1 1 500-140-03251 Nipple,2.0x6.0L,TxT,Brass
B2 2 500-140-02340 Bushing,3.0Mx2.0F,TxT,Brass
B4 2 500-140-03210 Nipple,2.0xClose,TxT,Brass
B5 1 500-140-02760 Valve,Ball,2.0Fx2.0F,TxT,Brass
B6 1 500-140-02655 Tee,2.0Fx2.0Fx2.0F,TxTxT,Brass
B7 1 500-140-02308 Bushing,2.0x.5,TxT,Brass
2 500-140-02735 Valve,Shut-Off,.125Mx.125F,TxT

GROUP C

☐ **200-140-01344 CHECK VALVE, 3" WAFER**
C1 2 500-140-01769 Flange,3",flng x FPT,cast iron
C2 1 500-140-07205 Valve,Wafer Check,3",bronze di

☐ **500-140-02870 CHECK VALVE, 3" BRASS**
C2 1 500-140-02870 Valve,Check,2.0Fx2.0F,TxT,Bras



NOTES

1. DRAWING SHOWS MAXIMUM CONFIGURATION. SEE GROUP SELECTION FOR ACTUAL PLUMBING SYSTEM. PLUMBING ORIENTAION MAY VARY FROM THIS DIAGRAM.
2. SEE DRAWING NUMBER 900-140-00009 FOR GROUP D DETAILS.

DESIGN FLOW RATE
40 GPM

PUMP PORTS	
INLET	2"
OUTLET	1.5"

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE

2600 OUTLET PLUMBING (PUMPED) BRASS

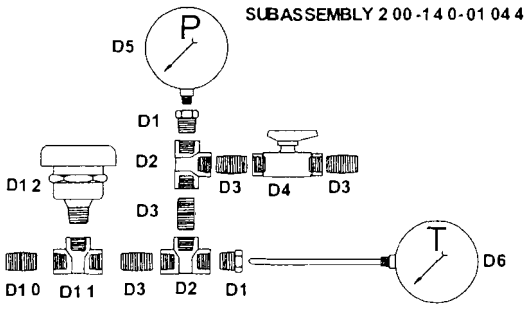
SIZE	DWG NO.	SHEET	REV
A	900-140-00030	1 OF 1	E

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	GC	5/6/03

5964

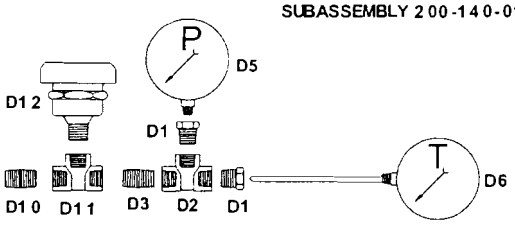
SAMPLE PORT, PRESSURE GAUGE, TEMPERATURE GAUGE

SUBASSEMBLY 200-140-01044



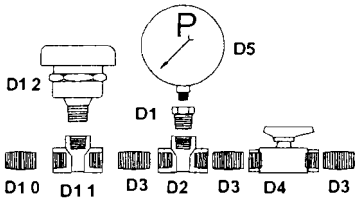
PRESSURE GAUGE, TEMPERATURE GAUGE

SUBASSEMBLY 200-140-01043

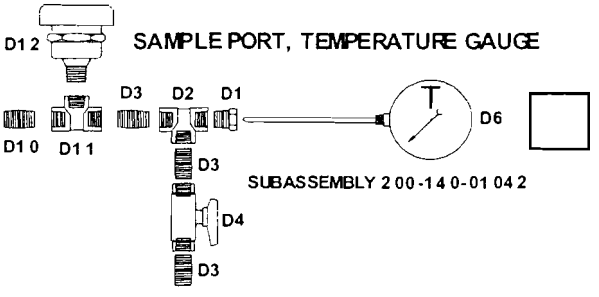


SAMPLE PORT, PRESSURE GAUGE

SUBASSEMBLY 200-140-01041



SAMPLE PORT, TEMPERATURE GAUGE

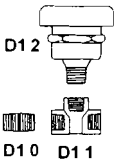


SUBASSEMBLY 200-140-01042

GROUP D PARTS LIST

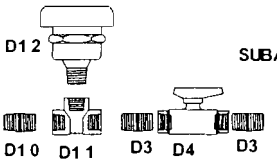
D1 500-140-00250 Bushing,.5Mx.25F,TxT,PVC80
D2 500-140-00940 Tee,.5",T,PVC80
D3 500-140-01380 Nipple,.5xClose,T,PVC80
D4 500-140-01300 Valve,Ball,.5,T,PVC80
D5 500-130-00150 Gauge, Water Pressure, 0-60PSI
D6 500-130-00190 Gauge,Water Temp,(0-140),4.0"
D7 500-140-00795 Elbow,90,.5Fx.5F,TxT, PVC 80
D8 500-140-00690 Coupling,.5Fx.5F,TxT,PVC 80
D9 500-140-02000 Plug, .5M, T, PVC 40
D10 500-140-02980 Nipple,.5xClose,TxT,Brass
D11 500-140-02630 Tee,.5Fx.5Fx.5F,TxTxT,Brass
D12 500-140-00060 Valve,Vacuum Relief 1/2"

NO OPTIONS



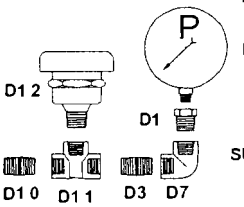
SUBASSEMBLY 200-140-01037

SAMPLE PORT



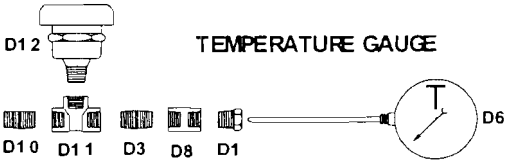
SUBASSEMBLY 200-140-01038

PRESSURE GAUGE



SUBASSEMBLY 200-140-01039

TEMPERATURE GAUGE



SUBASSEMBLY 200-140-01040

GROUP D

PUMPED DISCHARGE

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

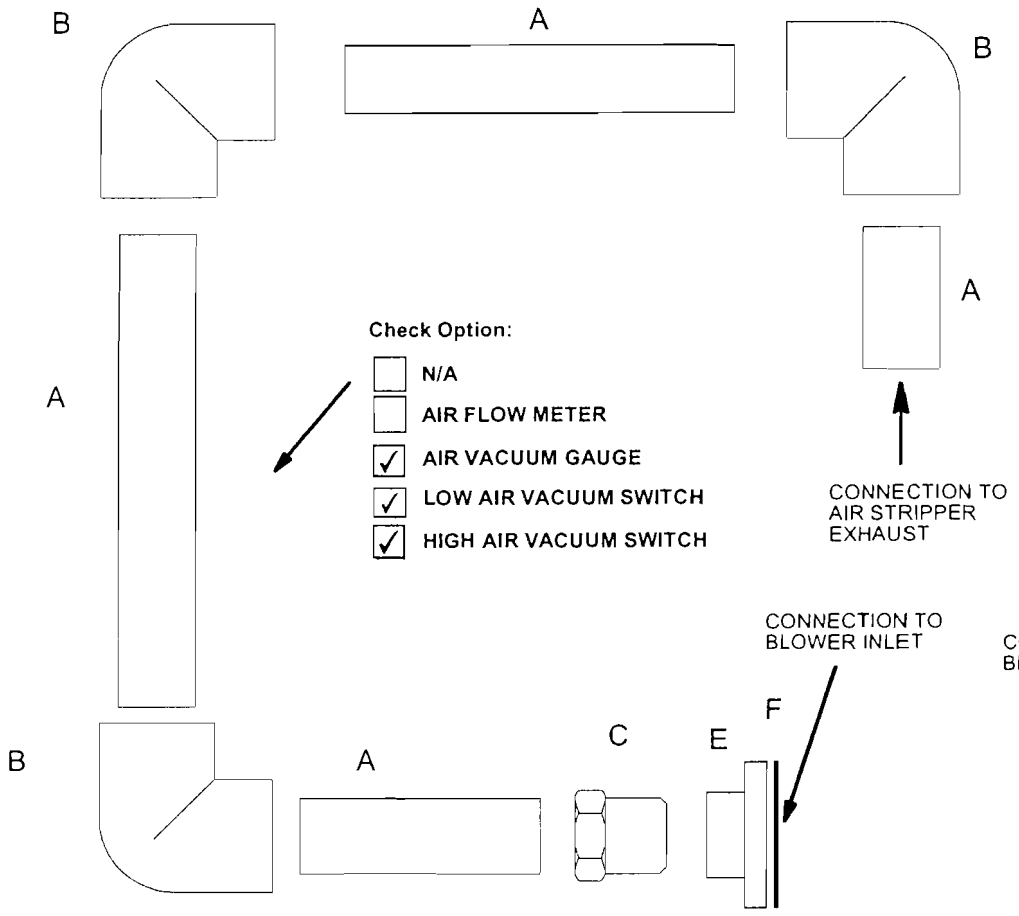
TITLE: GROUP D PLUMBING CONFIGURATIONS
SAMPLE PORT, TEMPERATURE GAUGE, PRESSURE GAUGE

SIZE	DWG NO	SHEET	REV
A	900-140-000 08	1 OF 1	Ø

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	RC	5-1-96

BLOWER SUCTION PLUMBING - 8" PIPING-SCH 40

5964



Blower Inlet (Flanged)

☐ **200-100-00504**

12.0" Blower Inlet

A	20'	500-140-02170 Pipe,8.0"PVC 40
B	3	500-140-01900 Elbow,90,8.0",SxS,PVC 40
C	1	500-140-00699 Bushing,12.0Mx8.0F,SxS,PVC80
E	1	500-140-80200 Flange,vanstone,12",pvc80
F	1	500-140-08808 Gasket, 12",rubber,1/8"thk, fo

☐ **200-100-00503**

10.0" Blower Inlet

A	20'	500-140-02170 Pipe,8.0"PVC 40
B	3	500-140-01900 Elbow,90,8.0",SxS,PVC 40
C	1	500-140-01798 Bushing,10.0Mx8.0F,SxS,PVC40
E	1	500-140-01775 Flange,Vanstone,10.0",Socket,P
F	1	500-140-01772 Gasket, 10",rubber,.125"thk, f

☐ **200-100-00502**

8.0" Blower Inlet

A	20'	500-140-02170 Pipe,8.0"PVC 40
B	3	500-140-01900 Elbow,90,8.0",SxS,PVC 40
E	1	500-140-01765 Flange,Vanstone,8.0",Socket,PV
F	1	500-140-01762 Gasket, 8",rubber,.125"thk, fo

☑ **200-100-00501**

6.0" Blower Inlet

A	20'	500-140-02170 Pipe,8.0"PVC 40
B	3	500-140-01900 Elbow,90,8.0",SxS,PVC 40
C	1	500-140-01796 Bushing,8.0Mx6.0F,SxS,PVC40
D	1'	500-140-02160 Pipe,6.0", PVC 40
E	1	500-140-01760 Flange,Vanstone,6.0",Socket,PV
F	1	500-140-01761 Gasket,6.0",rubber,For 6.0" Va

Blower Outlet (Flanged)

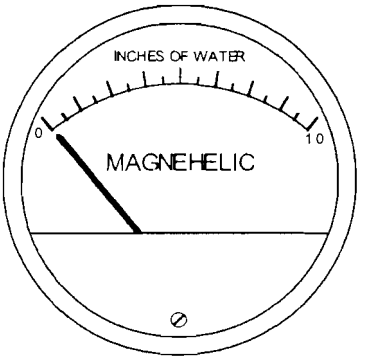
☑	G	1	500-140-01376 Valve,butterfly,6",lugged,cast
☐	G	1	500-140-01384 Valve,butterfly,8",lugged,cast
☐	G	1	500-140-01386 Valve,butterfly,10",lugged,cas
☐	G	1	500-140-05337 Valve,butterfly,12",flange mou

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
7 COMMERCE AVE.
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE: BLOWER SUCTION PLUMBING - 8" PIPING-SCH 40				
SIZE: A	DWG NO: 900-140-00159		SHEET: 1 OF 1	REV: -
SCALE: NONE	DO NOT SCALE DRAWING	DRAWN: DC	DATE: 12/28/04	

5964

AIR PRESSURE GAGE

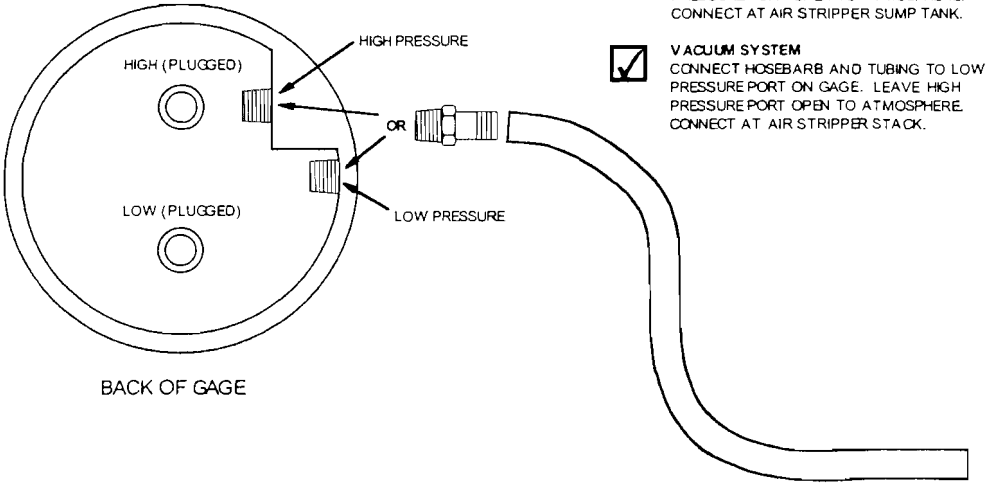


NOTES

1 PRESSURE LINE SHUT-OFF VALVE SHOULD BE CLOSED UNTIL A READING IS NEEDED. THIS WILL PREVENT CONDENSATION FROM BUILDING UP AND FLOODING THE GAGE.

☐ **PRESSURE SYSTEM**
CONNECT HOSEBARB AND TUBING TO HIGH PRESSURE PORT ON GAGE LEAVE LOW PRESSURE PORT OPEN TO ATMOSPHERE. CONNECT AT AIR STRIPPER SUMP TANK.

☑ **VACUUM SYSTEM**
CONNECT HOSEBARB AND TUBING TO LOW PRESSURE PORT ON GAGE. LEAVE HIGH PRESSURE PORT OPEN TO ATMOSPHERE. CONNECT AT AIR STRIPPER STACK.



BACK OF GAGE

☐ **200-130-00209 Air pressure gauge SUB 0-5"wc**
• 1 500-130-00035 Gauge, Air Pressure, 0-5"WC
• 4' 500-200-00145 Tubing Air3/16IDx5/16OD

☐ **200-130-00210 Air pressure gauge SUB 0-10"wc**
• 1 500-130-00040 Gauge Air Pressure, 0-10"WC
• 4' 500-200-00145 Tubing Air3/16IDx5/16OD

☐ **200-130-00211 Air pressure gauge SUB 0-15"wc**
• 1 500-130-00050 Gauge Air Pressure0-15"WC
• 4' 500-200-00145 Tubing Air3/16IDx5/16OD

☐ **200-130-00212 Air pressure gauge SUB 0-20"wc**
• 1 500-130-00060 Gauge Air Pressure0-20"WC
• 4' 500-200-00145 Tubing Air3/16IDx5/16OD

☑ **200-130-00213 Air pressure gauge SUB 0-30"wc**
• 1 500-130-00065 Gauge Air Pressure o-30"
• 4' 500-200-00145 Tubing Air3/16IDx5/16OD

☐ **200-130-00214 Air pressure gauge SUB 0-40"wc**
• 1 500-130-00066 Gauge, Air Pressure, 0-40"WC
• 4' 500-200-00145 Tubing Air3/16IDx5/16OD

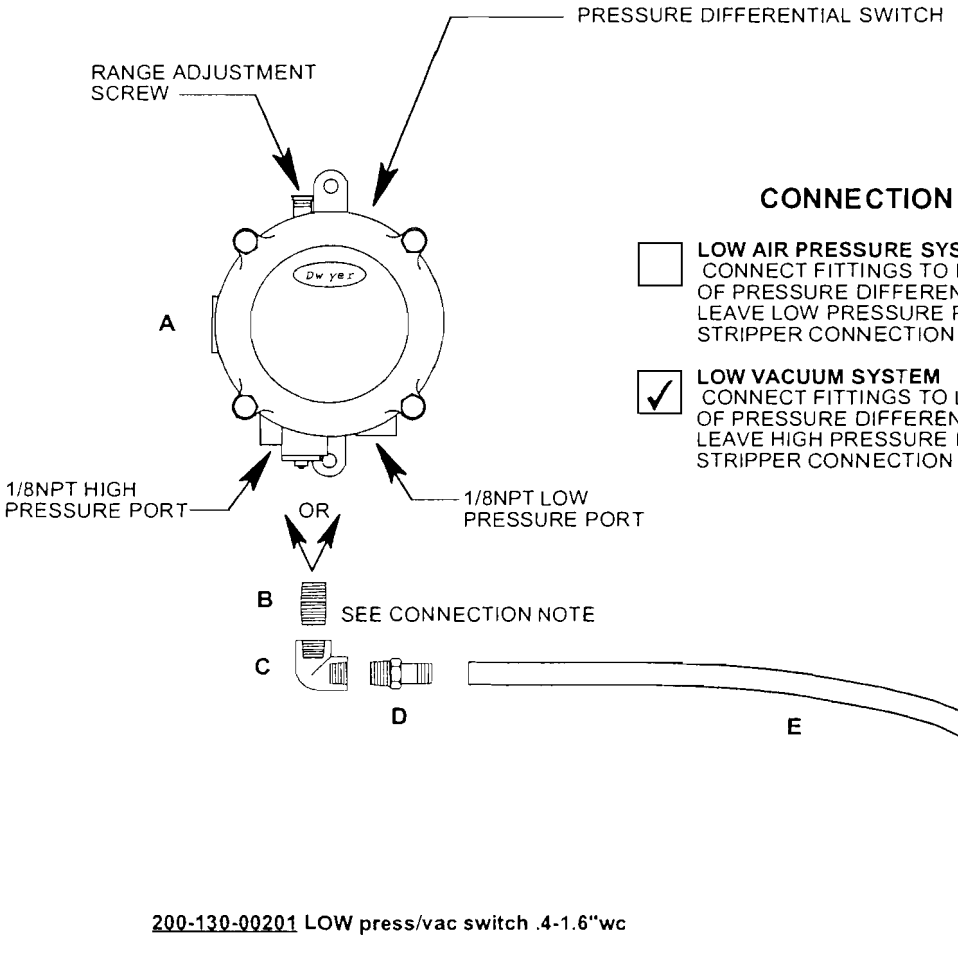
☐ **200-130-00215 Air pressure gauge SUB 0-60"wc**
• 1 500-130-00068 Gauge, Air Pressure, 0-60"wc
• 4' 500-200-00145 Hose, 3/16id x 5/16od, Tygon, cle

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE			
AIR PRESSURE GAGE			
SIZE A	DWG NO 900-130-00012	SHEET 1 OF 1	REV Ø
SCALE NONE	DO NOT SCALE DRAWING	DRAWN RC	DATE 10-31-94

5964

LOW AIR PRESSURE/VACUUM SWITCH



CONNECTION NOTE

☐ **LOW AIR PRESSURE SYSTEM**
CONNECT FITTINGS TO HIGH PESSURE PORT OF PRESSURE DIFFERENTIAL SWITCH, LEAVE LOW PRESSURE PORT OPEN. STRIPPER CONNECTION ON SUMP TANK

☑ **LOW VACUUM SYSTEM**
CONNECT FITTINGS TO LOW PESSURE PORT OF PRESSURE DIFFERENTIAL SWITCH, LEAVE HIGH PRESSURE PORT OPEN. STRIPPER CONNECTION ON STACK

200-130-00201 LOW press/vac switch .4-1.6"wc

A 500-130-00070 Switch Air Pressure, .4-1.6" WC
B 500-140-02960 Nipple,.125xClose,TxT,Brass
C 500-140-02490 Elbow,90,.125Fx.125F,TxT,Brass
E 500-200-00145 Hose,3/16id x 5/16od,Tygon,cle

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

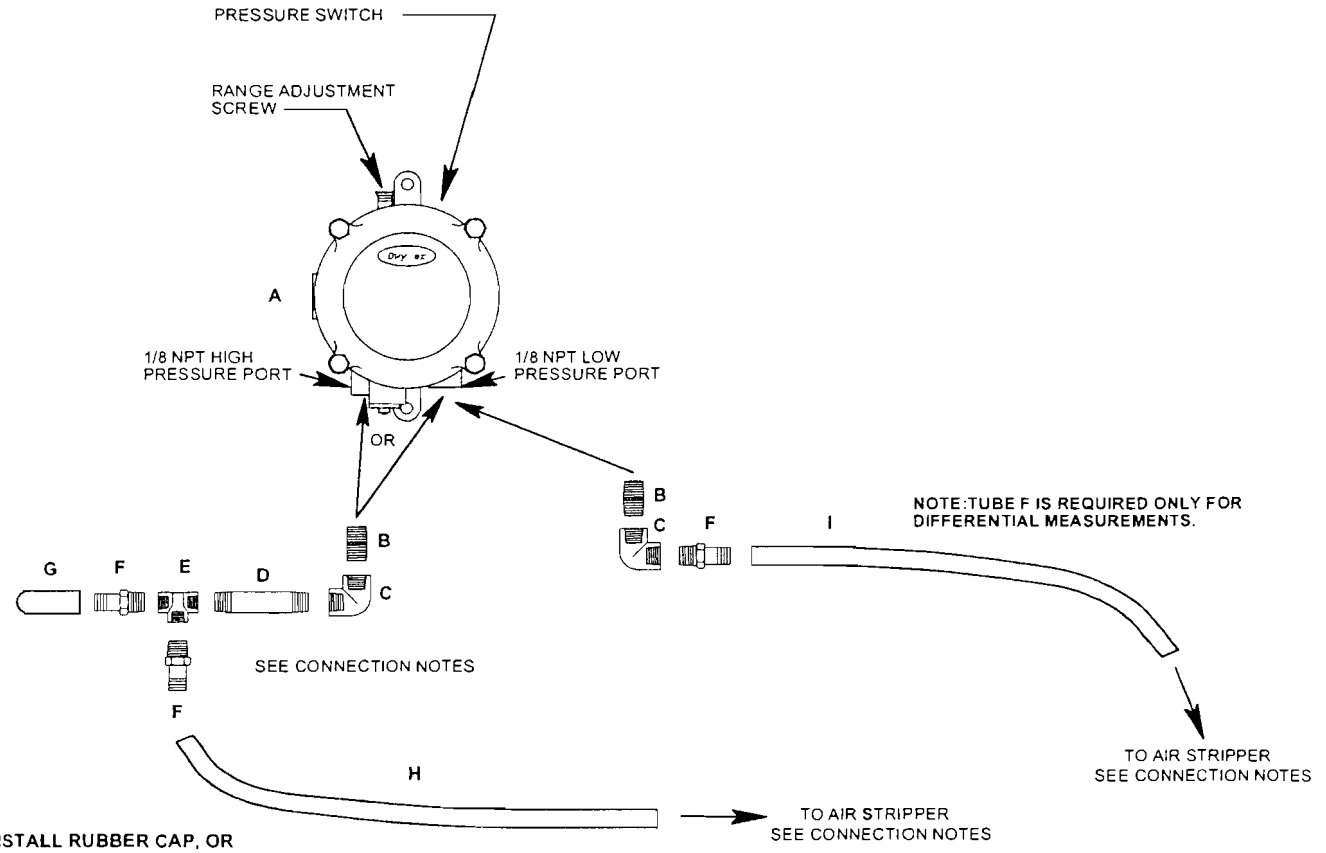
TITLE: LOW AIR PRESSURE/VACUUM SWITCH

SIZE	DWG NO.	SHEET	REV
A	900-130-00011	1 OF 1	Ø

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	RC/MS	9-22-94

5964

HIGH AIR PRESSURE, VACUUM, OR DIFFERENTIAL PRESSURE SWITCH



INSTALL RUBBER CAP, OR CONNECT TO APPROPRIATE PORT OF OTHER PRESSURE SWITCHES AS REQUIRED.

SELECT ONE

☐ **200-130-00205 High pressure/vacuum switch 4-20"wc**
- A 1 500-130-00075 Switch Air Pressure, 4-20" WC
- B 1 500-140-02960 Nipple,.125xClose,TxT,Brass
- C 1 500-140-02490 Elbow,90, 125Fx.125F,TxT,Brass
- D 1 500-140-02930 Nipple,.125x2.0L,TxT,Brass
- E 1 500-140-02660 Tee,.125Fx.125Fx 125F,TxTxT,Br
- F 2 500-140-02880 Hose Barb,.125Mx.188M,TxB,Bras
- G 1 500-140-01995 Cap, Vinyl, .172 I.D.x.75"L, B
- H 4' 500-200-00145 Tubing,3/16id x 5/16od,Tygon,c

☑ **200-130-00206 High pressure/vacuum switch 14-55"wc**
- A 1 500-130-00074 Switch,Differential Pressure,E
- B 1 500-140-02960 Nipple, 125xClose,TxT,Brass
- C 1 500-140-02490 Elbow,90, 125Fx.125F,TxT,Brass
- D 1 500-140-02930 Nipple, 125x2.0L,TxT,Brass
- E 1 500-140-02660 Tee,.125Fx.125Fx.125F,TxTxT,Br
- F 2 500-140-02880 Hose Barb, 125Mx 188M,TxB,Bras
- G 1 500-140-01995 Cap, Vinyl, .172 I.D.x1.0L, Bl
- H 4' 500-200-00145 Tubing,3/16id x 5/16od,Tygon,c

☐ **200-130-00203 High differential pressure/vacuum switch 4-20"wc**
- A 1 500-130-00075 Switch Air Pressure, 4-20" WC
- B 2 500-140-02960 Nipple, 125xClose,TxT,Brass
- C 2 500-140-02490 Elbow,90,.125Fx.125F,TxT,Brass
- D 1 500-140-02930 Nipple,.125x2.0L,TxT,Brass
- E 1 500-140-02660 Tee, 125Fx.125Fx.125F,TxTxT,Br
- F 3 500-140-02880 Hose Barb,.125Mx.188M,TxB,Bras
- G 1 500-140-01995 Cap, Vinyl, .172 I.D.x.75"L, B
- H 4' 500-200-00145 Tubing,3/16id x 5/16od,Tygon,c
- I 20' 500-200-00145 Tubing,3/16id x 5/16od,Tygon,c

☐ **200-130-00207 High differential pressure/vacuum switch 14-55"wc**
- A 1 500-130-00074 Switch,Differential Pressure,E
- B 2 500-140-02960 Nipple, 125xClose,TxT,Brass
- C 2 500-140-02490 Elbow,90,.125Fx.125F,TxT,Brass
- D 1 500-140-02930 Nipple, 125x2.0L,TxT,Brass
- E 1 500-140-02660 Tee,.125Fx.125Fx.125F,TxTxT,Br
- F 3 500-140-02880 Hose Barb,.125Mx.188M,TxB,Bras
- G 1 500-140-01995 Cap, Vinyl, 172 I.D.x.75"L, B
- H 4' 500-200-00145 Tubing,3/16id x 5/16od,Tygon,c
- I 20' 500-200-00145 Tubing,3/16id x 5/16od,Tygon,c

CONNECTION NOTES

☐ **HIGH AIR PRESSURE**
CONNECT STRIPPER TANK AIR TUBING TO HIGH PRESSURE PORT OF PRESSURE DIFFERENTIAL SWITCH. LEAVE LOW PRESSURE PORT OPEN.

☑ **HIGH AIR VACUUM**
CONNECT STRIPPER EXHAUST VENT AIR TUBING TO LOW PRESSURE PORT OF PRESSURE DIFFERENTIAL SWITCH. LEAVE HIGH PRESSURE PORT OPEN.

☐ **DIFFERENTIAL AIR PRESSURE**
CONNECT STRIPPER TANK AIR TUBING TO HIGH PRESSURE PORT FITTING OF PRESSURE DIFFERENTIAL SWITCH, AND CONNECT STRIPPER EXHAUST VENT AIR TUBING TO LOW PRESSURE PORT FITTING OF PRESSURE DIFFERENTIAL SWITCH.

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
7 COMMERCE AVE.
WEST LEBANON, NEW HAMPSHIRE 03784

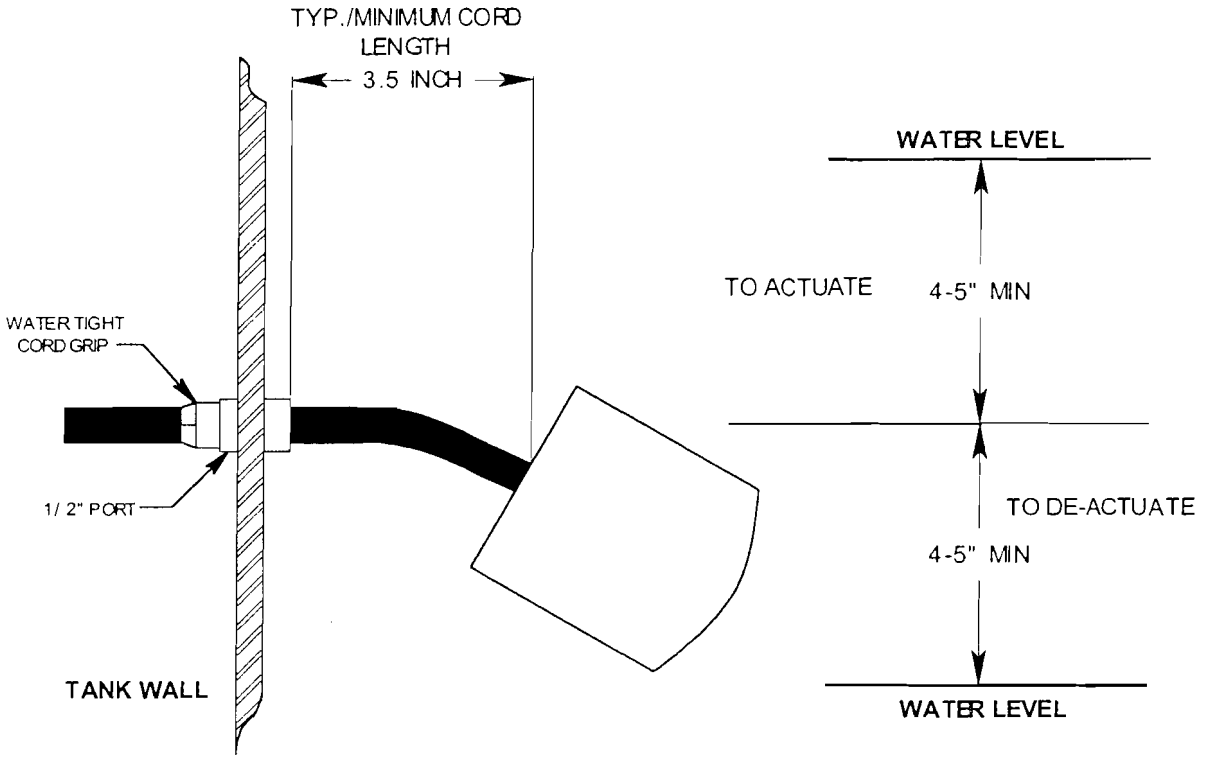
TITLE: HIGH PRESSURE, VACUUM, OR DIFFERENTIAL AIR PRESSURE SWITCH

SIZE	DWG NO	SHEET	REV
A	900-130-00010	1 OF 1	C

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	DC	3-1-04

5964

FLOAT SWITCH



MECHANICAL FLOATS (FOR 120VAC ONLY)

QTY	
1	**200-120-00310 FLOAT SWITCH, N.O., 10' CORD, PVC** 1 500-120-02521 Switch,float,N.O.,mech,10ft cord 1 500-120-02490 Cord,Watertight,1/2",Bulkhead
1	**200-120-00311 FLOAT SWITCH, N.C., 10' CORD, PVC** 1 500-120-02522 Switch,float,N.C.,mech,10ft cord 1 500-120-02490 Cord,Watertight,1/2",Bulkhead
	200-130-00312 FLOAT SWITCH NO/NC, 10' CORD, POLYOPRO 1 500-120-02497 Switch,Float,NO or NC,polypro 1 500-120-02490 Cord,Watertight,1/2",Bulkhead

MERCURY FLOATS (FOR ALL VOLTAGES INCLUDING I.S.)

QTY	
	200-120-00314 Float Switch, NO, 10',merc 1 500-120-02490 Cord,Watertight,1/2",Bulkhead 1 500-120-02500 Switch,Float,merc ,N.O.,10ft cord
	200-120-00315 Float Switch, NC, 10',merc 1 500-120-02490 Cord,Watertight,1/2",Bulkhead 1 500-120-02510 Switch,Float,merc ,N.C.,10ft cord

900-900-00321

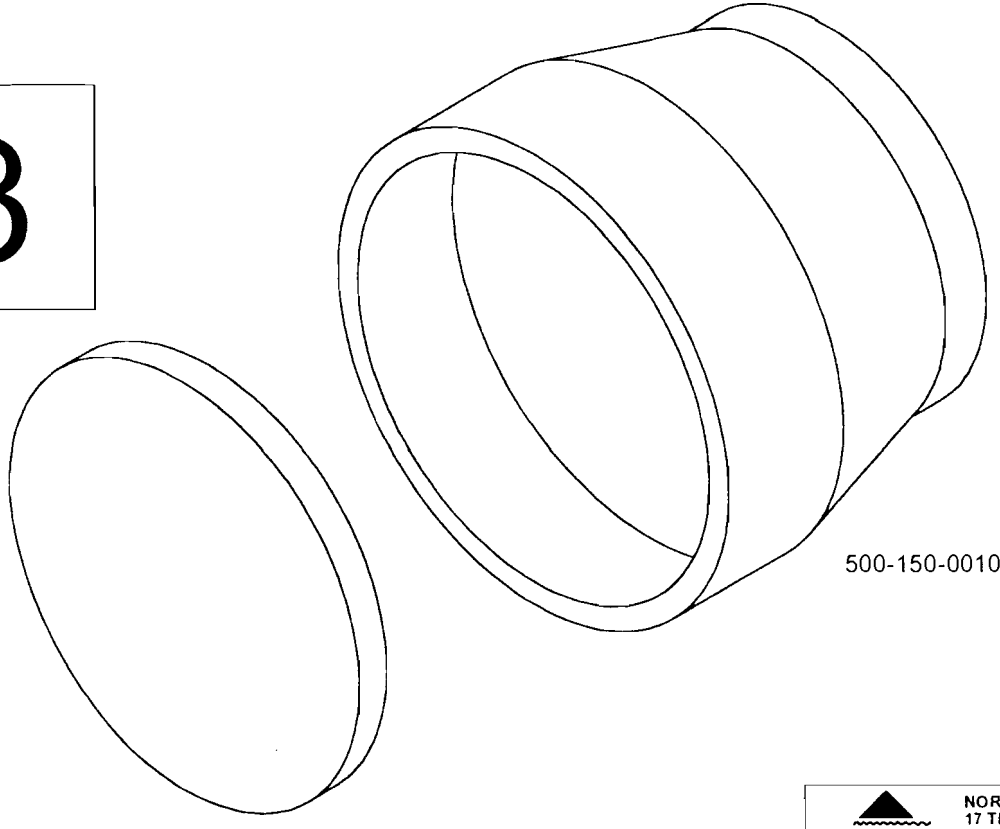
NORTH EAST ENVIRONMENTAL PRODUCTS, INC.	DOCUMENT 900-120-00029	PAGE 1 OF 1	REV B
TITLE FLOAT SWITCH		DATE 12/19/01	BY RC

DATE	REV	ENG.

5964

1 500-150-00100 Coupling,Rubber,5x4(5.62x4.38)
1 500-190-00175 Window,5.375"Øx.25thk,Lexan,Clear

X 3



500-150-00100

500-190-00175

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NH 03784
(603)-298-7061 FAX(603)-298-7063

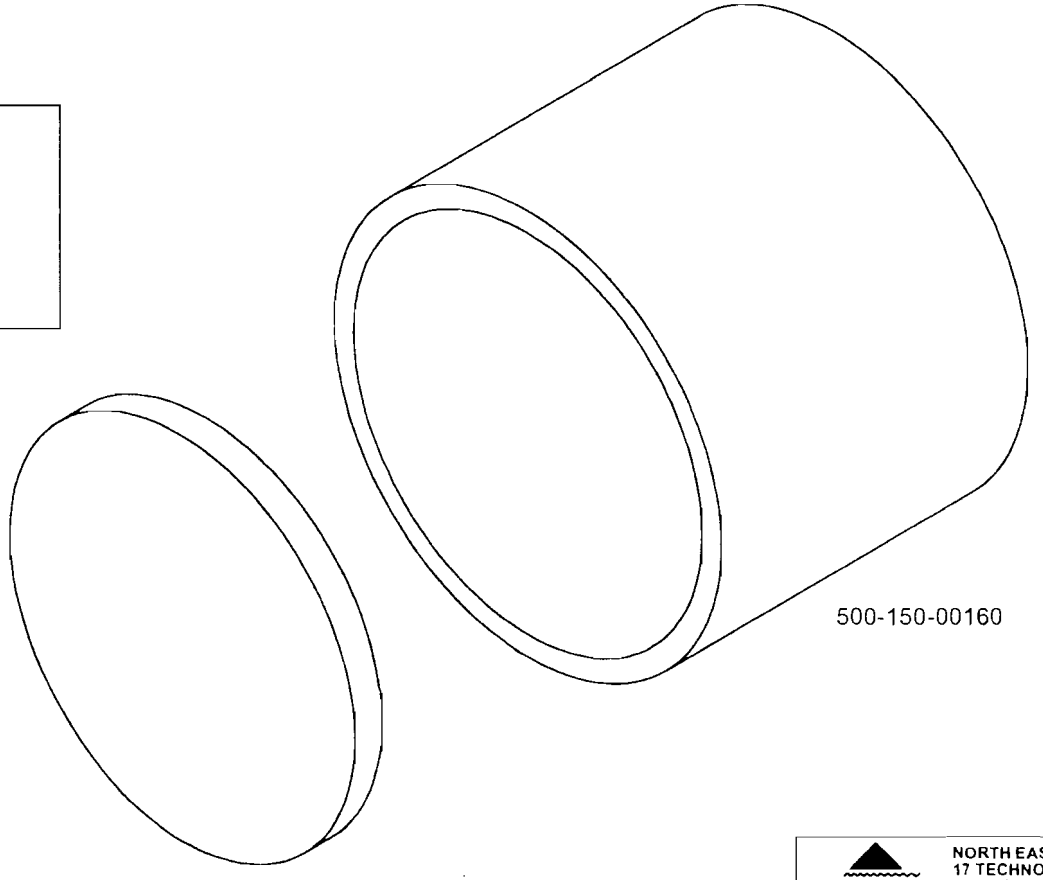
TOLERANCES UNLESS OTHERWISE SPECIFIED . ± .030 in.	DRAWING NAME: 4" VIEWPORT ASSY.
DRAWN: R.C.	DRAWING #: 200-150-00004
DATE: 4-18-94	SCALE: NONE | SIZE. A | SHEET 1 OF 1
	DO NOT SCALE DRAWING

DATE	REV.	ENG.	D

5964

1 500-150-00160 Coupling,Rubber,8x8(8.50x8.50)
1 500-190-00176 Window,8.63"Øx.25thk,Lexan,Clear

X 1



500-150-00160

500-190-00176

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NH 03784
(603)-298-7061 FAX(603)-298-7063

TOLERANCES UNLESS OTHERWISE SPECIFIED : ± .030 in.	DRAWING NAME: 8" VIEWPORT ASSY.
DRAWN. R.C.	DRAWING #: 200-150-00008
DATE 4-18-94	SCALE. NONE | SIZE: A | SHEET 1 OF 1
	DO NOT SCALE DRAWING

5964

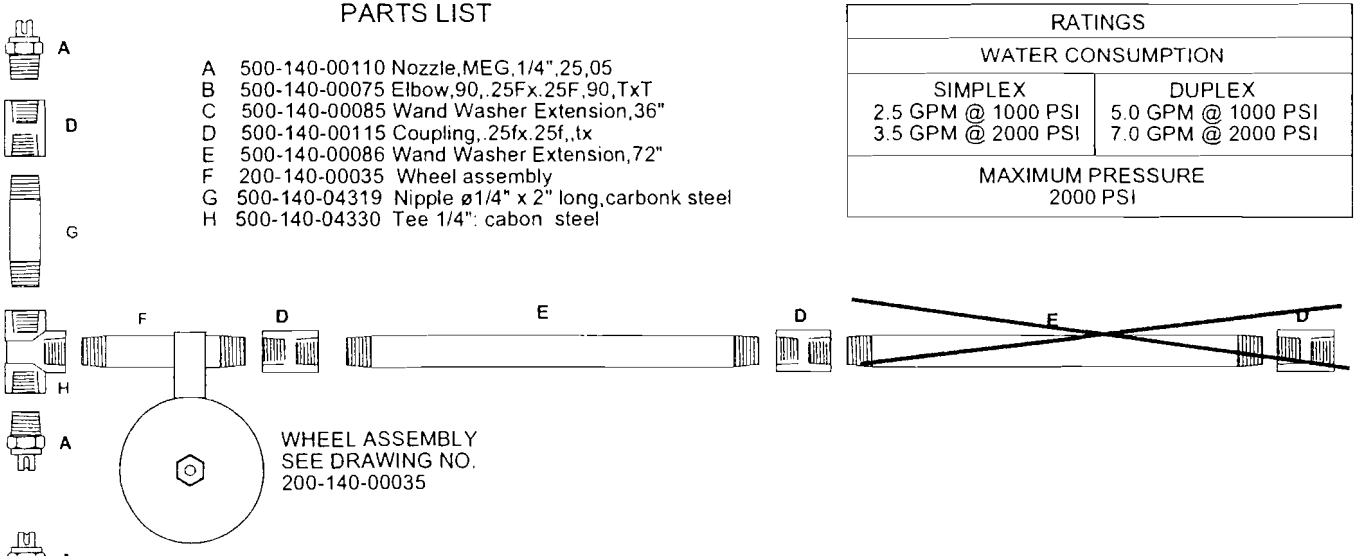
PARTS LIST

A 500-140-00110 Nozzle,MEG,1/4",.25,05
B 500-140-00075 Elbow,90,.25Fx.25F,90,TxT
C 500-140-00085 Wand Washer Extension,36"
D 500-140-00115 Coupling,.25fx.25f,,tx
E 500-140-00086 Wand Washer Extension,72"
F 200-140-00035 Wheel assembly
G 500-140-04319 Nipple ø1/4" x 2" long,carbonk steel
H 500-140-04330 Tee 1/4": cabon steel

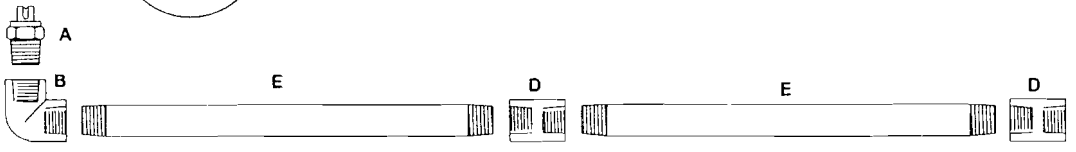
RATINGS	
WATER CONSUMPTION	
SIMPLEX 2.5 GPM @ 1000 PSI 3.5 GPM @ 2000 PSI	DUPLEX 5.0 GPM @ 1000 PSI 7.0 GPM @ 2000 PSI
MAXIMUM PRESSURE 2000 PSI	

SELECT ONE

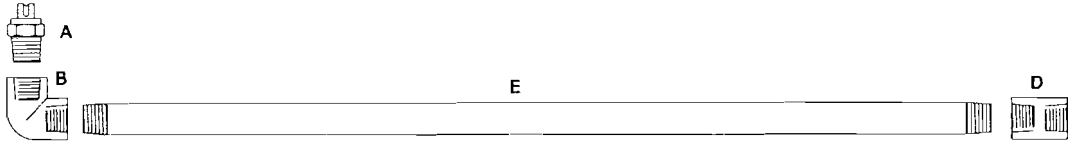
200-140-00033
12FEET 2 PIECE
[31200 & 41200]
TRAY BIDET OPTION



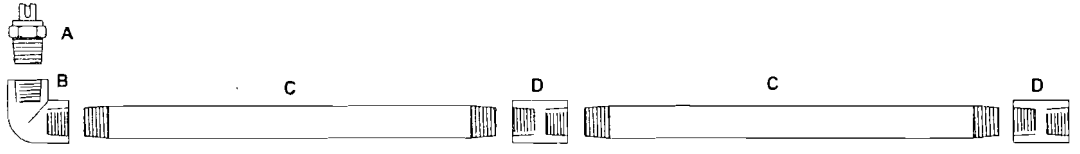
200-140-00031
12 FEET 2 PIECE
[31200 & 41200]



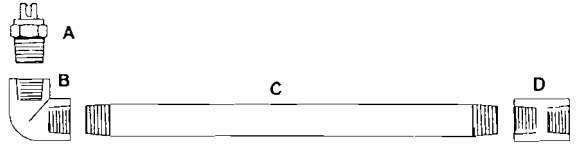
200-140-00032
6 FEET ONE PIECE
[2600 & 3600]



200-140-00034
6 FEET 2 PIECE
[2600 & 3600]



200-140-00030
3 FEET ONE PIECE
[1300 & 2300]



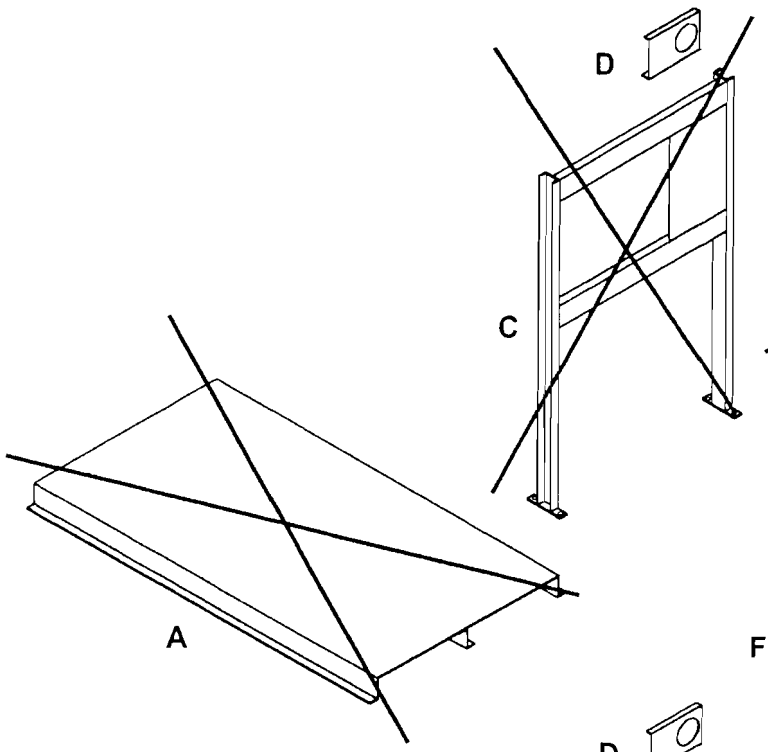
NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE: WASHER WAND ASSEMBLY

SIZE	DWG NO	SHEET	REV
A	900-140-00110	1 OF 1	B

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	RC	5-7-97

5964

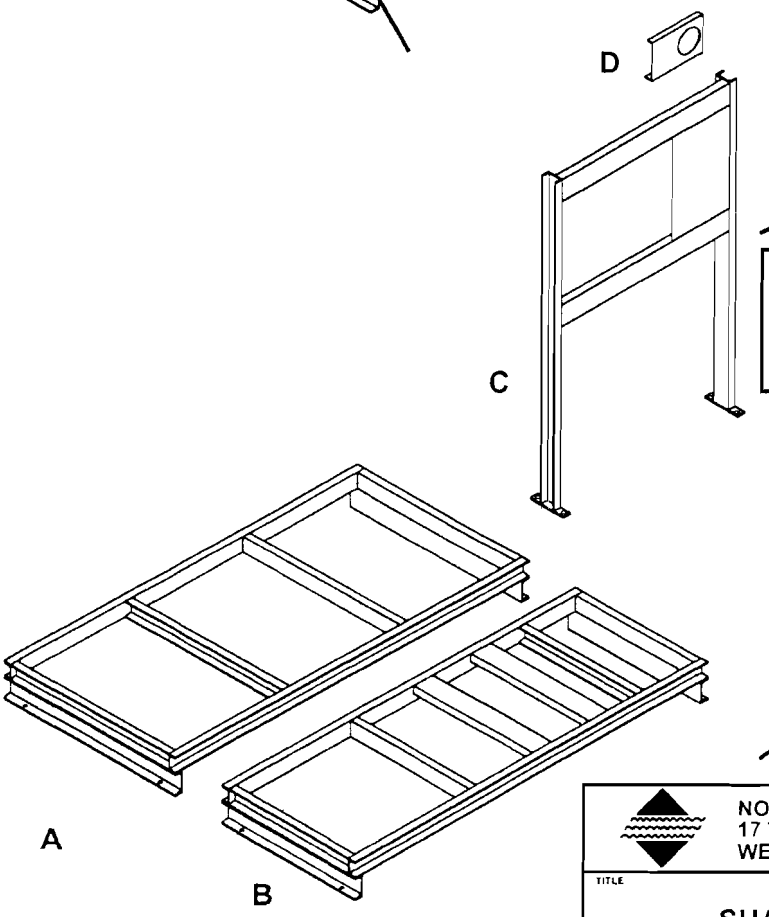


FRAMES FOR PLASTIC SYSTEMS

200-170-00041 Frame Assembly, 1300P Steel
A 1 500-170-00332 Frame,Steel,1300P
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

200-170-00042 Frame assembly, 2300P steel
A 1 500-170-00330 Frame,Steel,2300P
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

FRAMES FOR STAINLESS SYSTEMS



200-170-00030 Frame assembly, 1300
A 1 500-170-00021 Frame Tank, Steel, 1300
B 1 500-170-00031 Frame, Blower, Steel, 1300/2300
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

200-170-00031 Frame assembly, 2300
A 1 500-170-00041 Frame, Holding Tank, Steel, 2300
B 1 500-170-00031 Frame, Blower, Steel, 1300/2300
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

200-170-00032 Frame assembly, 2600
A 1 500-170-00051 Frame, Holding Tank,Steel 2600
B 1 500-170-00061 Frame, Blower, Steel 2600/3600
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

200-170-00033 Frame assembly, 3600
A 1 500-170-00071 Frame, Tank, Steel, 3600
B 1 500-170-00061 Frame, Blower, Steel 2600/3600
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

200-170-00034 Frame assembly 31200
A 1 500-170-00080 Frame, Tank, Steel, 31200
B 1 500-170-00091 Frame, Blower, Steel, 31200
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

200-170-00035 Frame assembly, 41200
A 1 500-170-00100 Frame,Tank,Steel 41200
B 1 500-170-00096 Frame, Blower, Steel, 41200
C 1 500-170-00045 Frame, control panel
D 1 500-170-00047 Instrument bracket

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE: SHALLOW TRAY FRAME OPTION

SIZE	DWG NO.	SHEET	REV
A	900-170-00020	1 OF 1	Ø

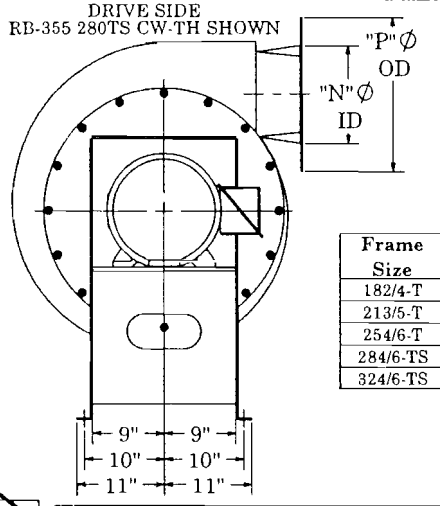
SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	RC	11/4/96

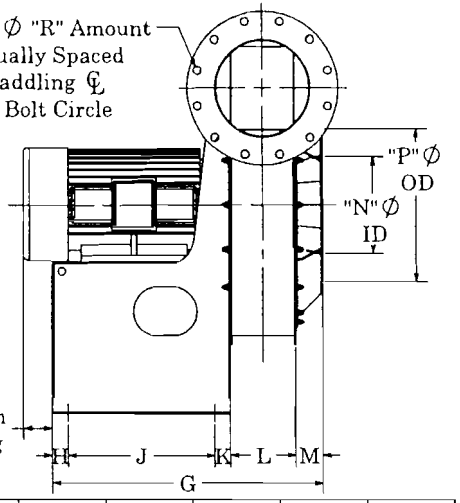
3rd ANGLE PROJECTION

INCHES FULL SIZE

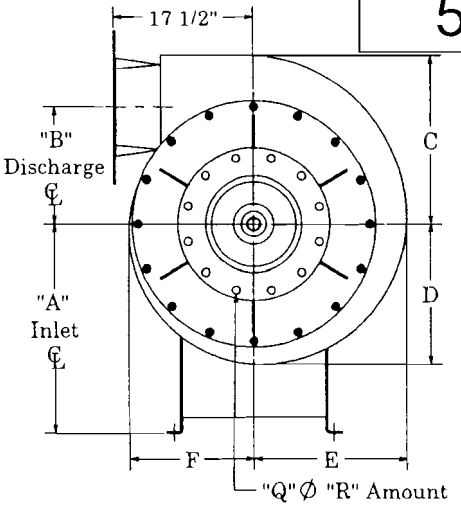
5964

DRIVE SIDE
RB-355 280TS CW-TH SHOWN

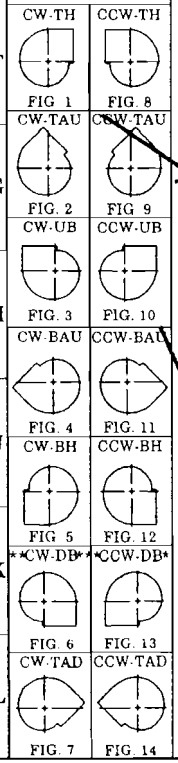




Frame Size	Maximum Overhang
182/4-T	N/A
213/5-T	N/A
254/6-T	1"
284/6-TS	4 1/2"
324/6-TS	7"



Rotation Viewed From Drive Side

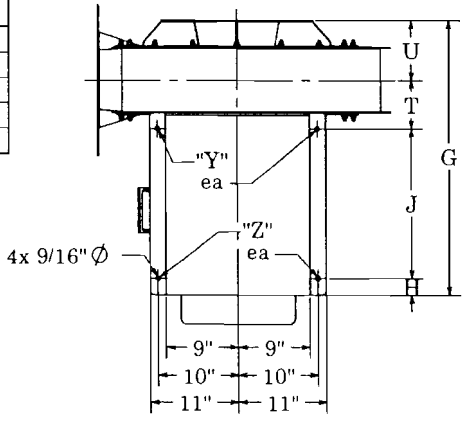


Fan Size	A	B	C	D	E	F	G	H	J	K
351	26	16 3/16	19 1/16	18 1/16	18 9/16	17 9/16	29 5/8	2	18 1/2	2
352	26	15 29/32	19 3/8	17 7/8	18 5/8	17 1/8	30 1/8	2	18 1/2	2
353	26	15 17/32	18 3/4	17 1/8	17 15/16	16 5/16	30 3/8	2	18 1/2	2
354	26	14 5/16	19 23/32	16 27/32	18 9/32	15 13/32	32 1/4	2	18 1/2	2
355	26	14 15/32	20 7/8	17 3/8	19 1/8	15 5/8	34 1/8	2	18 1/2	2

Fan Size	L	M	N	P	Q	R	S	T	U	** DB Discharge ** ** Availability **
351	3 3/4	3 3/8	6	11	7/8	8	9 1/2	3 7/8	5 1/4	YES
352	4 1/4	3 3/8	8	13 1/2	7/8	8	11 3/4	4 1/8	5 1/2	YES
353	4 1/2	3 3/8	8	13 1/2	7/8	8	11 3/4	4 1/4	5 5/8	NO
354	6 3/8	3 3/8	10	16	1	12	14 1/4	5 3/16	6 9/16	NO
355	8 1/4	3 3/8	12	19	1	12	17	6 1/8	7 1/2	NO

Fan Size	Frame Size	Total Unit Weight With Motor, Pounds	Point Load Weight Pounds Y	Z
351	182/4-T	500	213	37
	213/5-T	570	231	54
	254/6-T	662	238	93
	284/6-TS	796	243	155
	324/6-TS	974	253	234
352	182/4-T	502	216	35
	213/5-T	574	232	55
	254/6-T	664	242	90
	284/6-TS	798	247	152
	324/6-TS	976	259	229
353	182/4-T	488	207	37
	213/5-T	558	226	53
	254/6-T	650	234	91
	284/6-TS	782	239	152
	324/6-TS	962	250	231

Fan Size	Frame Size	Total Unit Weight With Motor, Pounds	Point Load Weight Pounds Y	Z
354	182/4-T	510	230	25
	213/5-T	580	244	46
	254/6-T	670	255	80
	284/6-TS	804	257	145
	324/6-TS	982	270	221
355	182/4-T	542	257	14
	213/5-T	612	275	31
	254/6-T	702	284	67
	284/6-TS	836	288	130
	324/6-TS	1014	299	208



For Isolator Size And Location
See Drawing RBC4851F

AMERICAN FAN COMPANY
2933 SYMMES ROAD
FAIRFIELD, OHIO 45014
PHONE (513) 874-2400
FAX (513) 870-6249
WOODS USA DIVISION

TITLE:
RB 351 Thru 355 Arr't-4 180T Thru 320TS Standard
Pressure Blower Fan Assembly Flanged Inlet And Outlet
Rotatable And Reversible Housing

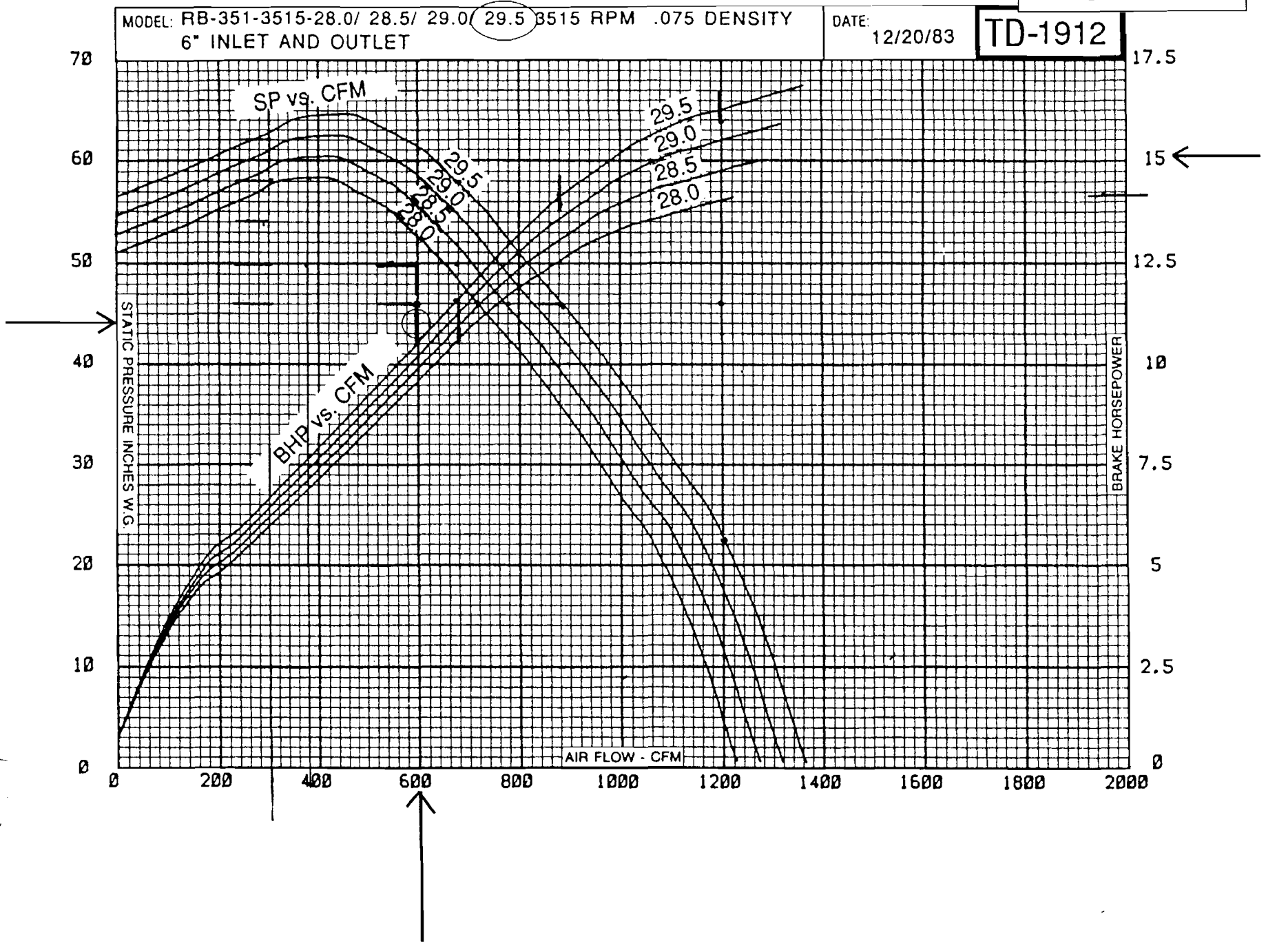
DATE	SHEET #	REVISION	REVISION RECORD	REVISED BY	ACCEPTED BY

DATE 02 DEC 02
DRAWN BY J.BRUSMAN
CHECKED BY
SCALE 1 = 11
APPROVED BY
Design-02

DRAWING NUMBER: RBC4825F
SHEET NUMBER 1 OF 1
REVISION LEVEL 0

AIR STRIPPER BLOWER

5964



AMERICAN STAINLESS PUMPS
Stainless Steel Pumps for the Commercial Marketplace

SSP & SSPC Product Description

The models SSP and SSPC are similar pumps. The model SSP is the open-impeller version, and the model SSPC is the enclosed-impeller version of the same pump. The dimensions of both pumps are identical. The SSP(C) is a single-stage, close-coupled, back-pullout centrifugal pump, fabricated of 304 stainless steel.

The SSP(C) was designed primarily for the commercial OEM marketplace. Our goal was to provide a new pumping alternative that met the following conditions:

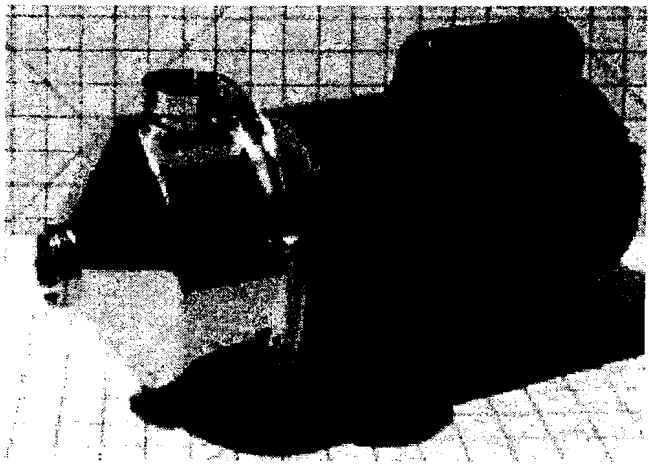
Lower Cost
The model SSP(C) is priced lower than any other comparable stainless steel pump on the market. In fact, in most cases the SSP(C) is less expensive than similar cast iron or plastic pumps.

Durability
The SSP(C) was designed to provide long lasting service. The stainless steel materials of construction, heavy-duty nozzles and impellers, rigid case design, and large mechanical seal selection assure a long pump life.

Versatility
We wanted the SSP(C) to be able to perform well in a variety of applications; and we knew that our customers all had different requirements. That's why we designed our pump to be easily modified or customized, to fit each application's essentials. We have over 50 different impeller designs, and can mount our pump in almost any configuration.

High Efficiency
The SSP(C) is often times, more efficient than the competition's pumps. This is attributable to the smooth surface finishes provided by stainless steel sheet, and our computer aided impeller and casing designs. In many cases, an SSP can be installed with a lower horsepower motor than your previous pump.

Better Looking
Judge for yourself. We think the SSP is the best looking pump on the market. If you're using someone else's rusty cast iron pump, or one of our competitor's bulky stainless pumps, the SSP(C) will definitely be an upgrade.



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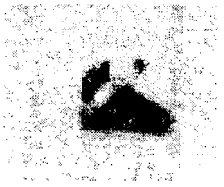
AMERICAN STAINLESS PUMPS

Stainless Steel Pumps for the Commercial Marketplace

The models SSP & SSPC offer the following features and benefits when compared with other similarly formed stainless steel centrifugal pumps.

The SSP outer case is a one-piece shell, capable for supporting the pump and motor weight in a vertically mounted position. Many of our competitors formed cases cannot be mounted on the suction nozzle and must use the motor as a support, or have a special mounting base. Our internal design also prevents any air from being trapped in the pump case when mounted vertically, something our competitors cannot say.

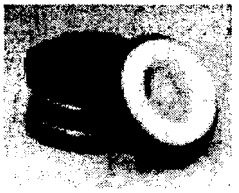
The suction and discharge nozzles on the SSP & SSPC are machined from stainless pipe, and have an extra heavy wall thickness. These nozzles cannot be easily damaged in shipment or during installation, as can the nozzles of our competitors' pumps.



Impellers on pumps supplied with 3-phase motors of 1.5-hp or larger, come as standard with a left-hand thread locking screw. This screw prevents the impeller from backing off the motor shaft at start up, if the motor is started in reverse rotation. Our competitors do not have a positive locking mechanism on their equivalent pump, and damaged impellers, cases and motors are often the victims of a reverse rotation start.

The SSP & SSPC do not have a volute design casing, which can put a radial load on the motor bearing; and no diffuser to plug up, wear out, or replace. The unique case/impeller design acts as a vaneless diffuser, to convert velocity to pressure. This results in higher efficiencies, lower horsepower, and increased reliability.

The case bolts on the SSP & SSPC are American National, not metric screws like so many of our competitors use in their pumps.



The SSP & SSPC come as standard with an inexpensive Type 6, carbon v. ceramic, with Buna N elastomers, mechanical seal. This seal is easy to install and replace, can be purchased at any seal supply store, and is relatively inexpensive. We also offer upgraded type 21 seals, with viton or EPR elastomers, and silicon carbide faces as options. Our competitors use a very expensive, non-standard seal as their standard seal, and charge to change to a less expensive seal.

The SSP & SSPC are priced to beat the competition, without the onerous stocking and purchasing conditions set by our competitors. For volume users, the models SSP & SSPC can be customized in many ways, to better fit our customer's requirements. We offer two day shipments on standard product orders, and just in time deliveries for our blanket order customers.

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AMERICAN STAINLESS PUMPS
Stainless Steel Pumps for the Commercial Marketplace

SSP & SSPC Product Code

C 1 56 25 B 1 T 1 X Sample code for a model SSPC, size 1x1.25 with a 5.75" diameter impeller, 0.250 Vane height (at 4.38" diameter), Carbon/Ceramic/Buna Type 6 mechanical seal, with a 1 HP, TEFC, 1/60/115-230V motor, and with a special construction code letter.

1/9/2001

1st Symbol	Pump Model	S = SSP: Open Impeller, 304SS Pump, 6 inch case, threaded connections C = SSPC: Closed Impeller, 304SS Pump, 6 inch case, threaded connections
2nd Symbol	Size Code Discharge x Suction	1 = 1.0" x 1.25" NPT 2 = 1.5" x 2.0" NPT
3rd & 4th Symbol	Impeller Diameter	Digits indicate impeller diameter in inches, and eighths of an inch. Examples: 43 = 4.38", 56 = 5.75"
5th & 6th Symbol	Impeller Vane Height (at a reference diameter of 4.38")	Two digits indicate vane height at 4.38" diameter, as indicated on performance curve. Example: 25 indicates an average vane height of approximately 0.250 inch at 4.38". (Note: if the impeller diameter is larger than 4.38", the vane height at the outside diameter will be smaller than the size code.)

7th Symbol — Mechanical Seal Type & Materials

Type 6			Type 21	
B = Car/Cer/Buna	Stock	(Std.)	4 = Car/SiC/Viton	Stock
E = Car/Cer/EPR	Stock		5 = Car/Cer/Viton	Stock
X = Special			7 = SiC/SiC/EPR	
			8 = SiC/SiC/Viton	Stock
			9 = Car/TC/Buna	
			X = Special	

Material Index
Material Format:
Rotating Face/Stationary Face/Elastomer
Car = Carbon
Cer = Ceramic
SiC = Silicon Carbide
TC = Tungsten Carbide

Note:
Standard case and impeller o-ring material will match seal elastomer as selected above.

8th Symbol	Motor HP	A = 1/3 HP	1 = 1 HP	3 = 3 HP
		B = 1/2 HP	E = 1.5 HP	5 = 5 HP
		C = 3/4 HP	2 = 2 HP	
9th Symbol	Motor Enclosure	D = Dripproof	X = Explosion Proof	
		T = TEFC	W = Washdown Duty	

10th Symbol — Motor Power Details

Power Rating	3500 RPM	1750 RPM	2900 RPM
1/60/115-230V	1	A	
1/60/230V	2	B	
3/60/230-460V	3	C	
3/60/460V	4	D	
3/60/575V	5	E	
1/50 or 1/60 (dual)	V	G	V
3/50 or 3/60 (dual)	S	U	S
Special	X	X	X
1/50/110-220V			W
1/50/220V			Y
3/50/380V			Z

11th Symbol Up	Special Construction Code. Consult factory for pricing and details. May Indicate special OEM configuration.	F = Footed Motor T = Thermal Overload Protection (3 phase motors only) L = Pump less base.

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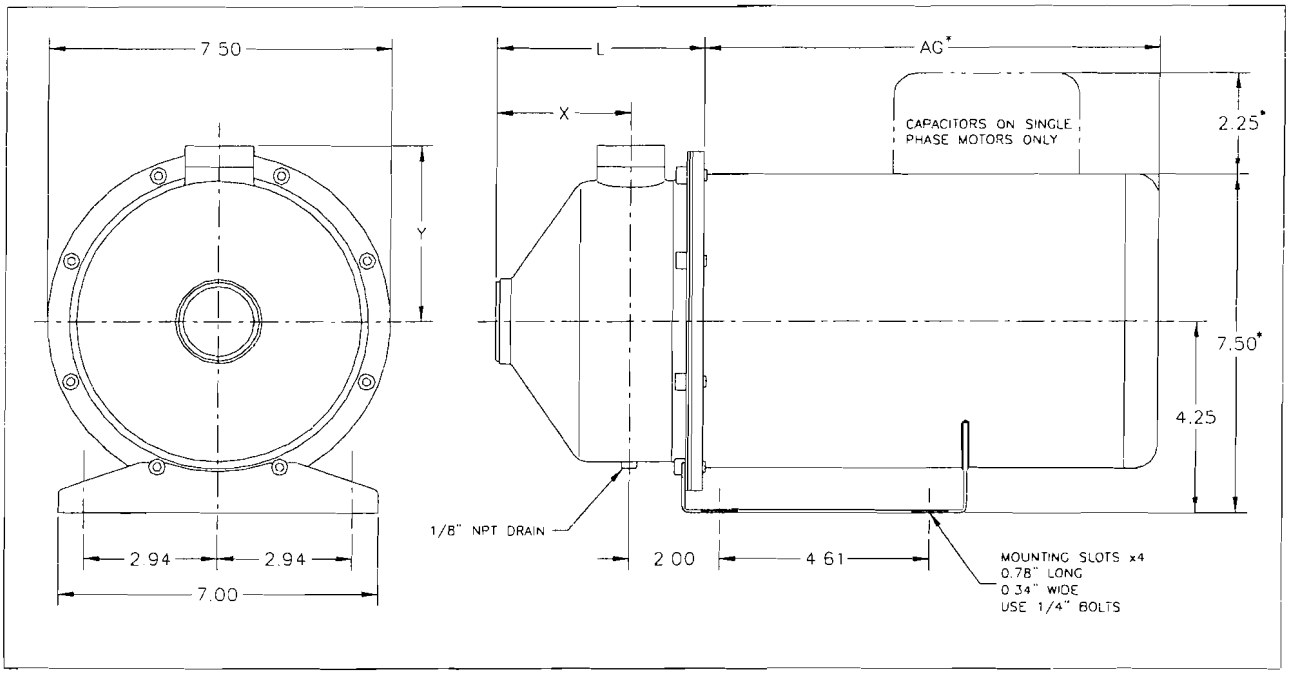
AMERICAN STAINLESS PUMPS
Stainless Steel Pumps for the Commercial Marketplace

SSP & SSPC Dimensions
With Standard Pump Base



* Dimensions may vary by motor manufacturer and motor enclosure. Weights and dimensions listed are the largest for each motor horsepower size likely to be encountered. "Certified for Construction" drawings are available upon request.

Size	Suction	Discharge	L	X	Y	Motor HP	AG	Ship Wgt.
1SSP/C	1.25 NPT	1.0 NPT	4.7	3.1	3.9	1/2	10.0	29
						3/4	10.3	31
						1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
2SSP/C	2.0 NPT	1.5 NPT	4.3	2.7	4.5	1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
						5.0	13.5	55

All dimensions in inches. Shipment weight includes packaging.

3/1/2001

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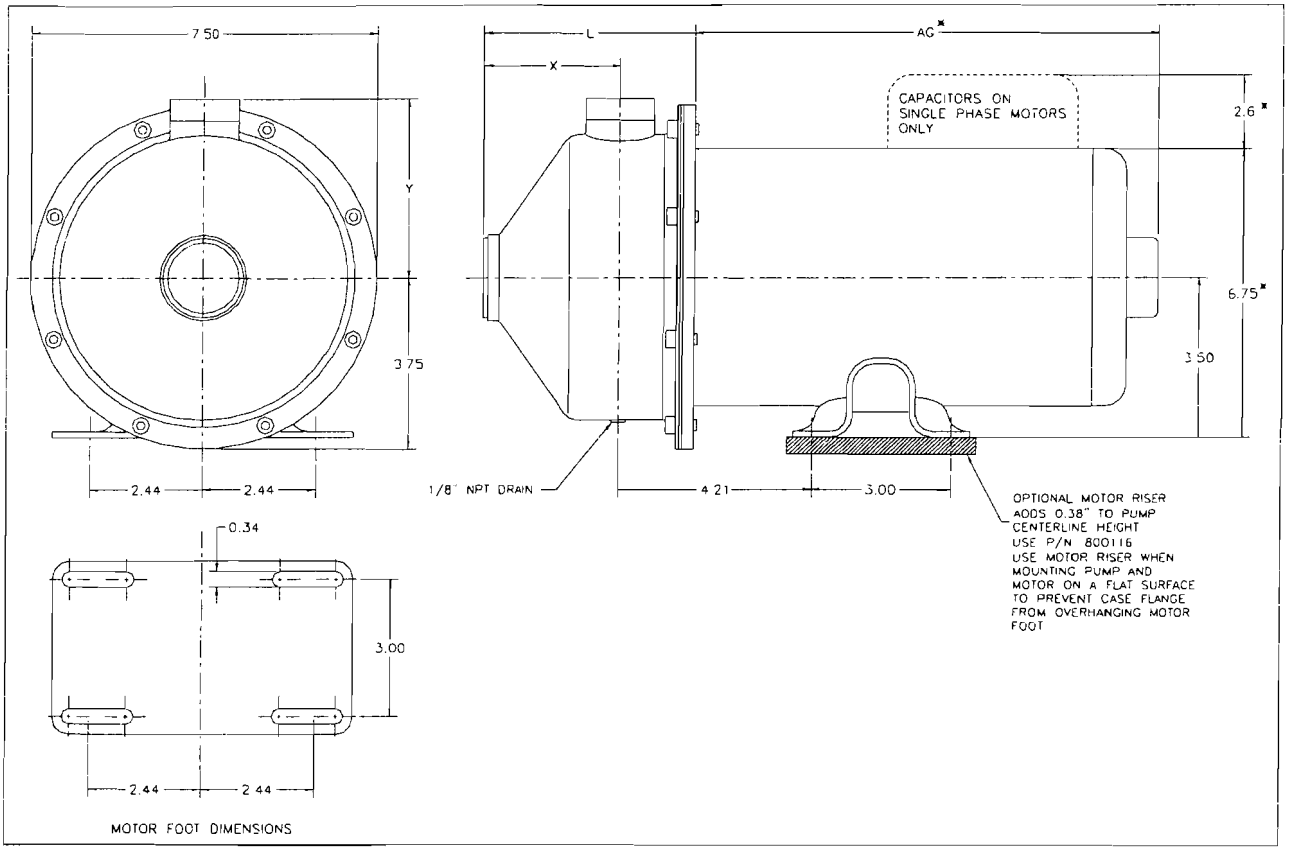
AMERICAN STAINLESS PUMPS

Stainless Steel Pumps for the Commercial Marketplace

SSP & SSPC Dimensions

With Standard Footed Motor



* Dimensions may vary by motor manufacturer and motor enclosure. Weights and dimensions listed are the largest for each motor horsepower size likely to be encountered. "Certified for Construction" drawings are available upon request.

Size	Suction	Discharge	L	X	Y	Motor HP	AG	Ship Wgt.
1SSP/C	1.25 NPT	1.0 NPT	4.7	3.1	3.9	1/2	10.0	29
						3/4	10.3	31
						1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
2SSP/C	2.0 NPT	1.5 NPT	4.3	2.7	4.5	1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
						5.0	13.5	55

All dimensions in inches. Shipment weight includes packaging.

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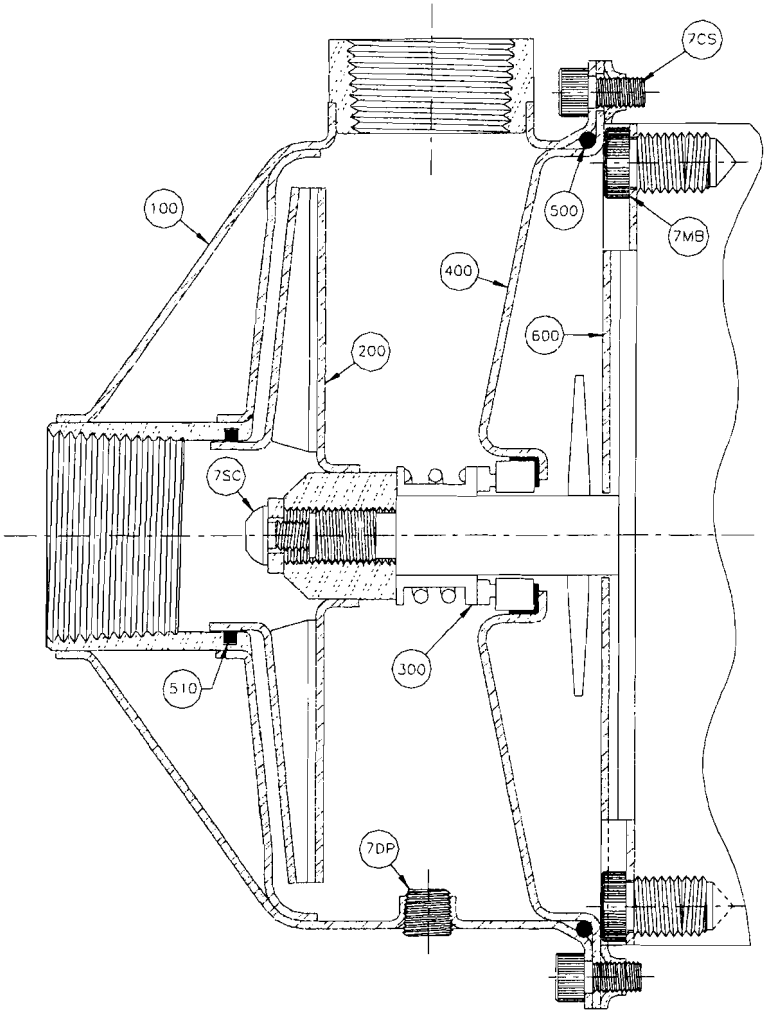
AMERICAN STAINLESS PUMPS
Stainless Steel Pumps for the Commercial Marketplace

SSPC (Enclosed Impeller) Cross Sectional Drawing



Item No.	Part Description	Standard Materials
100	Casing	304 SS
200	Impeller (Enclosed)	304 SS
300	Mechanical Seal - Type 6 (std.) (Other seal types available)	Car/Cer/Buna N/316 SS (Other materials available)
400	Seal Plate	304 SS
500	Casing O-Ring	Buna N (Other materials available)
510	Impeller O-Ring	Buna N (Other materials available)
600	Motor Adapter Plate	304 SS
7CS	Casing Screw - 1/4-20 (3/16 Allen)	Nickle Plated Steel
7DP	Drain Plug - 1/8" NPT	304 SS
7MB	Motor Bolt - 3/8-16 (7/32 Allen)	304 SS
7SC	Impeller Screw - 10-32LH (1/8 Allen) (Standard on 3-Ph motors 1-hp or larger)	304 SS
800 (not shown)	Pump Base (not supplied with footed motors)	304 SS

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3/1/01

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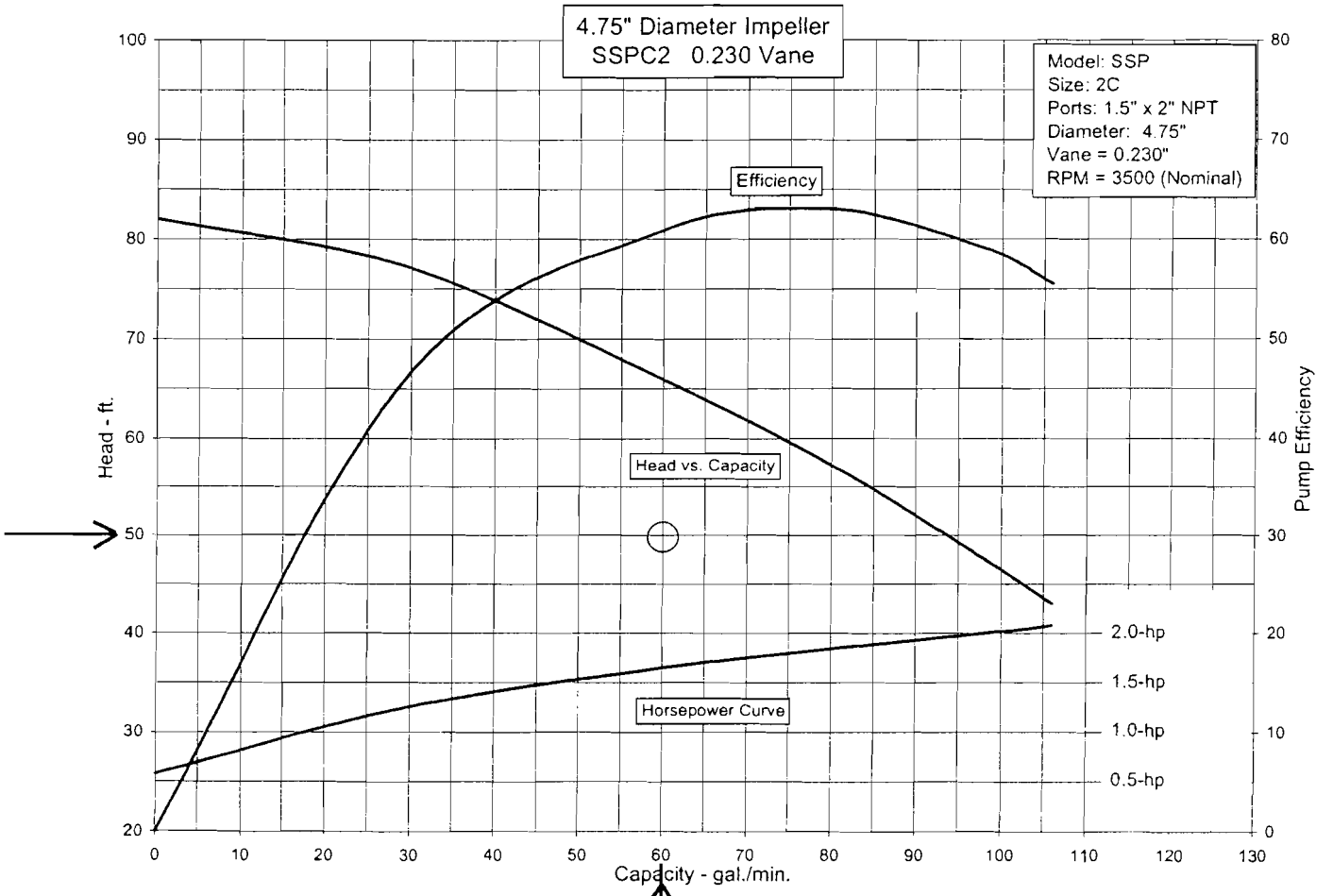
AMERICAN STAINLESS PUMPS

Stainless Steel Pumps for the Commercial Marketplace

Performance Curve Data Sheet

Customer/Company Name:_____ ASP Representative:_____
Contact Name:_____ Rep. Contact Name:_____
Phone Number:_____ Rep. Phone:_____
Fax Number:_____ Rep. Fax:_____

Application:_____
Product Being Pumped:_____
Product Specific Gravity:_____ Pump Catalog No:_____
Product Temperature:_____ deg. F/deg. C Motor Horsepower:_____
Product Viscosity:_____ ctp./cts./SSU Pump BHP @ Point:_____
Flow Rating Point:_____ gpm Pump BHP @ Run Out:_____
Head Rating Point:_____ feet/psig Mechanical Seal:_____
Total System Pressure:_____ psig Special Features:_____



Clean water based performance at 60 deg. F.

3/01/01

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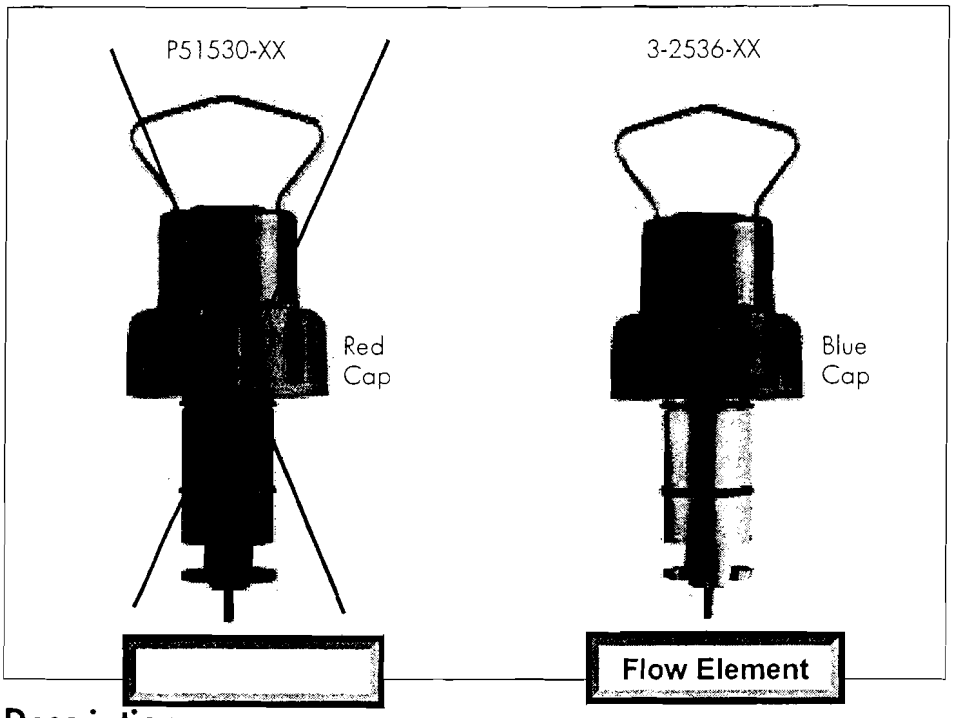
C24623-3500.pdf

+GF+ SIGNET 515/2536 Rotor-X Flow Sensors



Features

- PVDF or Polypropylene molded sensor body
- Simple insertion design
- Separate versions for remote and integral installations
- Wide Turndown Ratio of 66:1 for 2536, 20:1 for 515
- Use with comprehensive line of fittings from DN15 to DN1000 (0.5 to 36 in.)
- Process Ready Signal (3-2536-XX)
- Extended length for wet-tap installations available

Description

Simple and reliable, Rotor-X paddlewheel flow sensors deliver time-honored performance. These highly repeatable, rugged sensors offer exceptional value with little or no maintenance required. Installation is simple with +GF+ SIGNET's comprehensive line of fittings for all pipe materials in sizes from DN15 to DN1000 (0.5 to 36 in.). Output signal of the 515 is a sinusoidal frequency capable of driving a self-powered flowmeter (3-5090). The 3-2536 has a process-ready open-collector signal and can operate to flows as low as 0.1 m/s (0.3 ft/s).

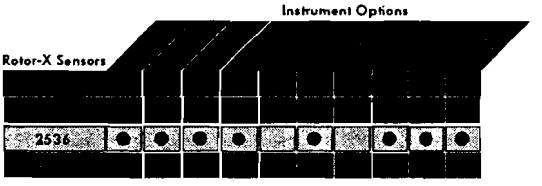
Application

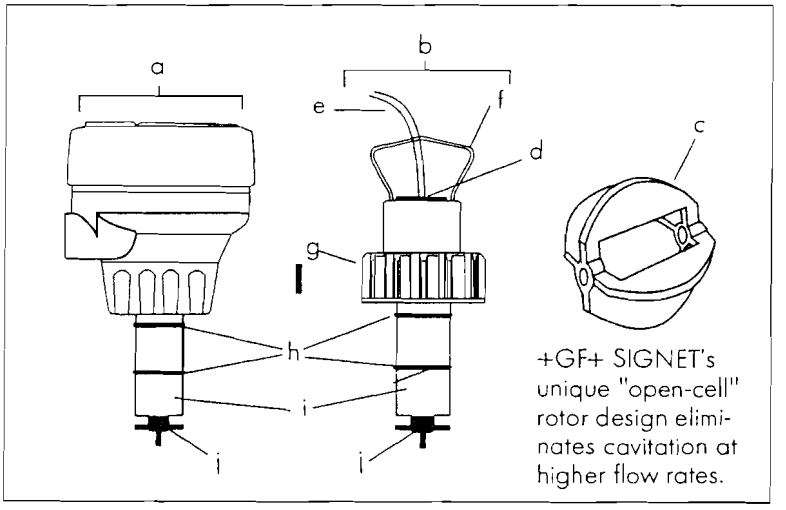
- Pure Water Production
- Filtration Systems
- Chemical Production
- Liquid Delivery Systems
- Pump Protection
- Scrubbers

Technical Features

a) Integral mount sensor (8510/8512) shown with field-mount transmitter (sold separately)
b) Remote mount sensor (515/2536)
c) Open cell rotor and rotor pins available in variety of material options (sleeved rotor available for abrasive solutions)
d) 1/2 in. NPT conduit connection
e) 7.6m/25 ft. cable standard, extendable up to 60m/200 ft. (515) or 305m/1,000 ft. (2536)
f) Large bail for sensor removal
g) Glass-filled PP ring nut with provision for lead seal installation
h) Dual O-ring seal (FPM standard, EPR and Kalrez® available)
i) One-piece injection molded (black glass-filled PP or natural PVDF) sensor body
j) Rotor pin

Options

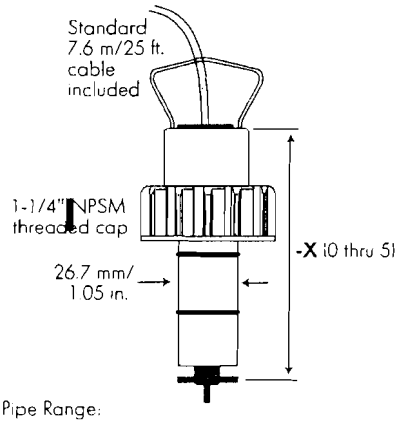




+GF+ SIGNET's unique "open-cell" rotor design eliminates cavitation at higher flow rates.

Dimensions

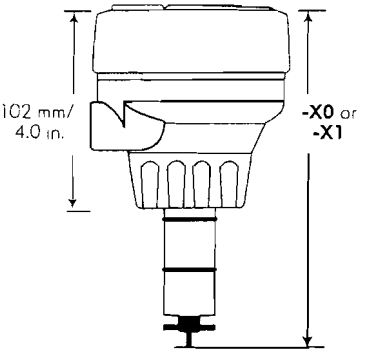
515/2536 Sensor



Pipe Range:

1/2 to 4 in.	**-X0** = 104 mm/4.1 in.	
5 to 8 in.	**-X1** = 137 mm/5.4 in.	
10" and up	**-X2** = 213 mm/8.4 in.	
1/2 to 4 in.	**-X3** = 297 mm/11.7 in.	Wet-tap Lengths
5 to 8 in.	**-X4** = 333 mm/13.1 in.	
10" and up	**-X5** = 409 mm/16.1 in.	

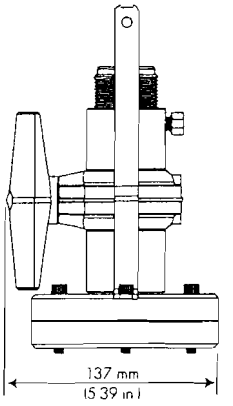
8512 Integral Sensor with Transmitter (sold separately)

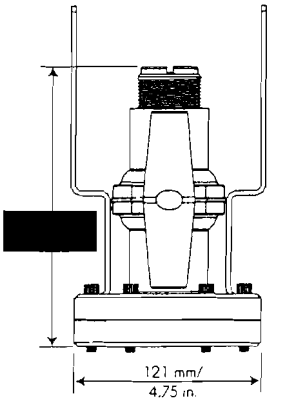


-X0 = 152 mm/6.0 in.
-X1 = 185 mm/7.3 in.

3519 Wet Tap Assembly

(see catalog page for details)





Fitting Types

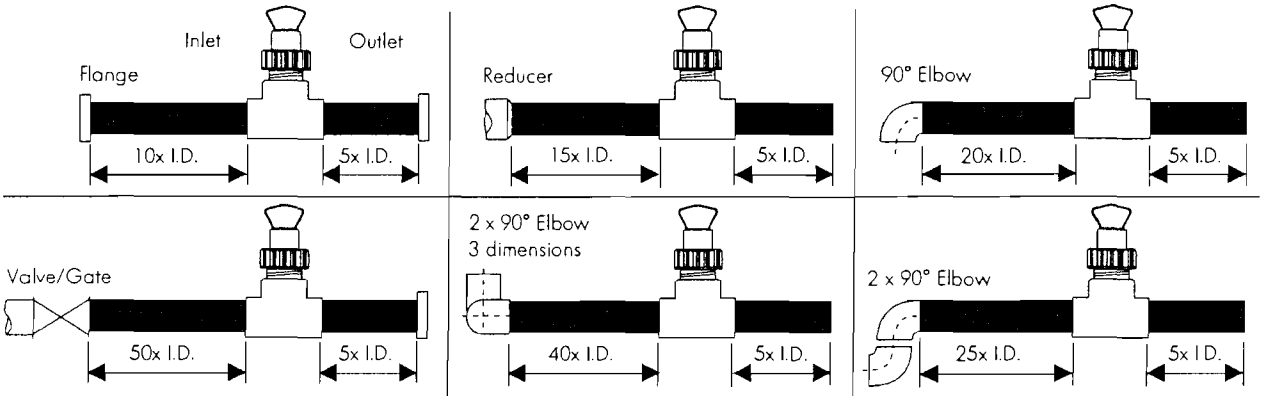
Refer to Fittings section of +GF+ SIGNET catalog for a complete listing of part numbers

Type	Description
Plastic tees	• 0.5 to 4 inch versions • PVC or CPVC
PVC Glue-on Saddles	• Available in 10 and 12 inch sizes only • Cut 2-1/2 inch hole in pipe • Weld in place using solvent cement
PVC Saddles	• 2 to 4 inch, cut 1-7/16 inch hole in pipe • 6 to 8 inch, cut 2-1/4 inch hole in pipe
PP Clamp-on Saddles	• Available in 10 and 12 inch sizes only • Cut 2-1/4 inch hole in pipe
Iron Strap-on saddles	• 2 to 4 inch, cut 1-7/16 inch hole in pipe • Over 4 inch, cut 2-1/4 inch hole in pipe • Special order 12 in. to 36 in.

Type	Description
Iron, Carbon Steel, 316 SS Threaded tees	• 0.5 to 2 in. versions • Mounts on threaded pipe ends
Carbon steel & stainless steel Weld-on Weldolets	• 2 to 4 inch, cut 1-7/16 inch hole in pipe • Over 4 inch, cut 2-1/4 inch hole in pipe
Fiberglass tees & saddles: FPT FPS	• 1.5 in. to 8 in. PVDF insert • > 8 in. PVC insert • Special order 12 in. to 36 in.
Metric Wafer Fitting	• For pipes DN 65 to 200 mm • PP or PVDF
Metric Union Fitting	• For pipes from DN 15 to 50 mm • PP or PVDF

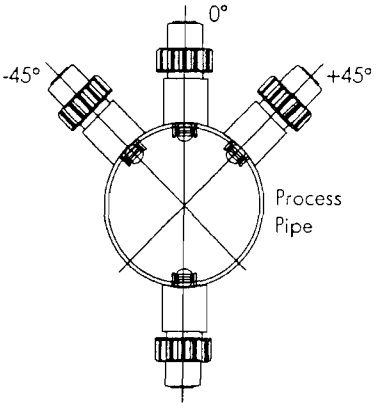
Installation

- Six common installation configurations are shown here as guidelines to help you select the best location in your piping system for a paddlewheel flow sensor.
- Always maximize distance between sensors and pump sources.



Sensor Mounting Position

- Horizontal pipe runs: Mount sensor in a vertical position for best performance, or at a maximum 45° angle to avoid air bubbles (pipe must be full). Do not mount the sensor on the bottom of the pipe if sedimentation is likely.
- Vertical pipe runs: Mount sensor in any orientation. Upward flow is preferred to ensure full pipe.



Maximum Operating Pressure/Temperature

515 Sensor:

Glass-filled Polypropylene Body:
- 12.5 bar (180 psi) max. @ 20°C (68°F)
- 1.7 bar (25 psi) max. @ 90°C (194°F)

PVDF Body:
- 14 bar (200 psi) max. @ 20°C (68°F)
- 1.7 bar (25 psi) max. @ 100°C (212°F)

2536 Sensor:

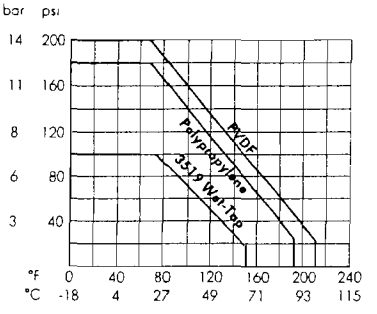
Polypropylene Body:
- 12.5 bar (180 psi) max. @ 20°C (68°F)
- 1.7 bar (25 psi) max. @ 85°C (185°F)

PVDF Body:
- 14 bar (200 psi) max. @ 20°C (68°F)
- 1.7 bar (25 psi) max. @ 85°C (185°F)

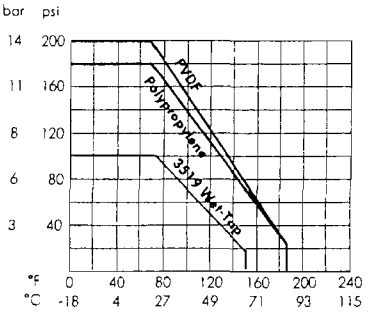
3519 Wet-Tap:
- 7 bar (100psi) max. @ -18° to 20°C (0° to 68°F)
- 1.4 bar (20 psi max. @ 66°C (150°F)

Note: Wet-tap max. installation/removal pressure:
- 1.7 bar (25 psi) @ 22°C (72°F).

515 Sensor

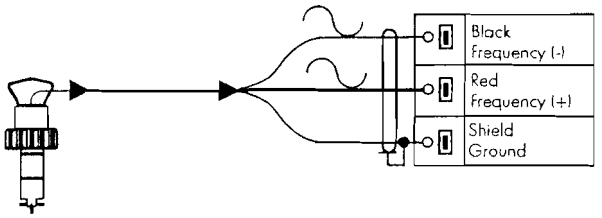


2536 Sensor

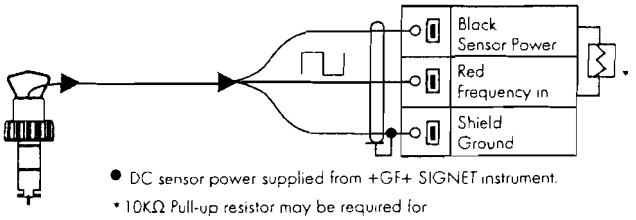


Wiring

515 Sensor Connection to +GF+ SIGNET Instruments



2536 Sensor Connection to +GF+ SIGNET Instruments



● DC sensor power supplied from +GF+ SIGNET instrument.
• 10KΩ Pull-up resistor may be required for non +GF+ SIGNET brand instrument

Technical Data

General (for both 515 & 2536)

Pipe Size Range: 15 to 1000 mm (0.5 to 36 in.)
Linearity: ±1% of full range
Repeatability: ±0.5% of full range
Minimum Reynolds Number Required: 4500
Wetted Materials:

Sensor Body:	Glass-filled Polypropylene (black) or PVDF (natural)
O-rings:	FPM-Viton® (std) or EPDM or FPM-Kalrez®
Pin:	Titanium or Hastelloy-C or PVDF; other material options available
Rotor:	Black PVDF or Natural PVDF; optional Tefzel with or w/o Fluoraloy B® sleeve

Cable Type: 2-conductor twisted pair with shield (22 AWG)
Shipping Weight:

-X0	0.454 kg	1 lb.
-X1	0.476 kg	1.04 lbs.
-X2	0.680 kg	1.50 lbs.
-X3	0.794 kg	1.75 lbs.
-X4	0.850 kg	1.87 lbs.
-X5	1 kg	2.20 lbs.
3519	1.3 kg	2.86 lbs.

Standards and Approvals (for both 515 & 2536):

- Manufactured under ISO 9001 and ISO 14001
- CE

General (515 Only)

Flow Rate Range: 0.3 to 6 m/s (1 to 20 ft./s)
Pipe Size Range: DN15 to DN1000 (0.5 to 36 in.)
Cable Length: 7.6 m (25 ft.) standard/60 m (200 ft.) maximum
Signal:
Frequency: 19.7 Hz per m/s nominal (6 Hz per ft/s)
Amplitude: 3.3 V p/p per m/s nominal (1 V p/p per ft/s)
Source Impedance: 8 Ω

Standards and Approvals (515 only):

- FM Class I, II, II/Div./groups A-G

General (2536 Only)

Flow Rate Range: 0.1 to 6 m/s (0.3 to 20 ft./s)
Pipe Size Range: DN15 to DN1000 (0.5 to 36 in.)
Cable Length: 7.6 m (25 ft.) standard/305 m (1,000 ft.) maximum
Signal:
Frequency: 49Hz per m/s nominal (15 Hz per ft/s nominal)
Supply voltage: 3.5 to 24 VDC regulated
Supply current: <1.5 mA @ 3.3 to 6 VDC
<20 mA @ 6 to 24 VDC
Output Type: Open collector transistor, sinking
Output Current: 10 mA max.

Ordering Information

515/8510-XX (Sinusoidal)

Mfr. Part No.	Code	Pipe Sizes	Body	Rotor/Pin
Remote				
P51530-H0	198 801 659	0.5 to 4 in.	Polypro	Blk PVDF/Hastelloy-C
P51530-P0	198 801 620	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
P51530-P1	198 801 621	5 to 8 in.	Polypro	Blk PVDF/Titanium
P51530-P2	198 801 622	10 to 36 in.	Polypro	Blk PVDF/Titanium
Remote Wet-Tap				
P51530-P3	198 840 310	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
P51530-P4	198 840 311	5 to 8 in.	Polypro	Blk PVDF/Titanium
P51530-P5	198 840 312	10 to 36 in.	Polypro	Blk PVDF/Titanium
Remote				
P51530-S0	198 801 661	0.5 to 4 in.	Polypro	Blk PVDF/Natural PVDF
P51530-T0	198 801 663	0.5 to 4 in.	Natural PVDF	Natural PVDF
P51530-T1	198 801 664	5 to 8 in.	Natural PVDF	Natural PVDF
P51530-V0	198 801 623	0.5 to 4 in.	Natural PVDF	Nat. PVDF/Hastelloy-C
P51530-V1	198 801 624	5 to 8 in.	Natural PVDF	Nat. PVDF/Hastelloy-C
P51530-V2	198 801 625	10 to 36 in.	Natural PVDF	Nat. PVDF/Hastelloy-C
Integral				
3-8510-P0	198 864 504	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
3-8510-P1	198 864 505	5 to 8 in.	Polypro	Blk PVDF/Titanium
3-8510-T0	159 000 622	0.5 to 4 in.	Natural PVDF	Natural PVDF
3-8510-V0	198 864 506	0.5 to 4 in.	Natural PVDF	Nat. PVDF/Hastelloy-C
2536/8512-XX (Open-Collector)				
Remote				
3-2536-P0	198 840 143	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
3-2536-P1	198 840 144	5 to 8 in.	Polypro	Blk PVDF/Titanium
3-2536-P2	198 840 145	10 to 36 in.	Polypro	Blk PVDF/Titanium
3-2536-T0	198 840 149	0.5 to 4 in.	Polypro	Natural PVDF
3-2536-V0	198 840 146	0.5 to 4 in.	Natural PVDF	Nat. PVDF/Hastelloy-C
3-2536-V1	198 840 147	5 to 8 in.	Natural PVDF	Nat. PVDF/Hastelloy-C
Remote Wet-Tap				
3-2536-P3	159 000 758	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
3-2536-P4	159 000 759	5 to 8 in.	Polypro	Blk PVDF/Titanium
3-2536-P5	159 000 760	10 to 36 in.	Polypro	Blk PVDF/Titanium
Integral				
3-8512-P0	198 864 513	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
3-8512-P1	198 864 514	5 to 8 in.	Polypro	Blk PVDF/Titanium
3-8512-T0	198 864 518	0.5 to 4 in.	Natural PVDF	Natural PVDF
3-8512-V0	198 864 516	0.5 to 4 in.	Natural PVDF	Nat. PVDF/Hastelloy-C
Wet-Tap Sensor and Valve Assembly (Fitting Separate)				
Remote Wet-Tap				
3519/515-P3	159 000 819	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
3519/515-P4	159 000 820	5 to 8 in.	Polypro	Blk PVDF/Titanium
3519/515-P5	159 000 821	10 to 36 in.	Polypro	Blk PVDF/Titanium
3519/2536-P3	159 000 822	0.5 to 4 in.	Polypro	Blk PVDF/Titanium
3519/2536-P4	159 000 823	5 to 8 in.	Polypro	Blk PVDF/Titanium
3519/2536-P5	159 000 824	10 to 36 in.	Polypro	Blk PVDF/Titanium

Accessories

Mfr. Part No.	Code	Description
Rotors 515/8510-XX		
M1538-2	198 801 181	Rotor, PVDF Black
P51547-3	159 000 474	Rotor, PVDF Natural
M1538-4	198 820 018	Rotor, Tefzel®
P51550-3	198 820 043	Rotor and Pin, PVDF Natural
3-0515.322-1	198 820 059	Sleeved Rotor, PVDF Black
3-0515.322-2	198 820 060	Sleeved Rotor, PVDF Natural
3-0515.322-3	198 820 017	Sleeved Rotor, Tefzel®

Accessories (continued)

Mfr. Part No.	Code	Description
Rotors 2536/8512-XX		
3-2536.320-1	198 820 052	Rotor, PVDF Black
3-2536.320-2	159 000 272	Rotor, PVDF Natural
3-2536.320-3	159 000 273	Rotor, Tefzel®
3-2536.321	198 820 054	Rotor and Pin, PVDF Natural
3-2536.322-1	198 820 056	Sleeved Rotor, PVDF Black
3-2536.322-2	198 820 057	Sleeved Rotor, PVDF Natural
3-2536.322-3	198 820 058	Sleeved Rotor, Tefzel®
Rotor Pins		
M1546-1	198 801 182	Pin, Titanium
M1546-2	198 801 183	Pin, Hastelloy-C
M1546-3	198 820 014	Pin, Tantalum
M1546-4	198 820 015	Pin, Stainless Steel
P51545	198 820 016	Pin, Ceramic
O-Rings		
1220-0021	198 801 186	O-Ring, FPM-Viton®
1224-0021	198 820 006	O-Ring, EPDM
1228-0021	198 820 007	O-Ring, FPM-Kalrez®
Miscellaneous		
P31536	198 840 201	Sensor Plug, Polypro
P31536-1	198 840 202	Sensor Plug, PVDF Metric
P31536-2	159 000 649	Sensor Plug, PVDF
P31542	198 801 630	Sensor Cap, Red (for use w/515)
P31542-3	159 000 464	Sensor Cap, Blue (for use w/2536)
P31934	159 000 466	Conduit Cap
P51589	159 000 476	Conduit Adapter Kit
5523-0222	159 000 392	Cable (per foot), 2 cond. w/shield, 22 AWG
3-8051	159 000 187	Transmitter Integral Adapter

Engineering Specifications for both 515 and 2536 Flow Sensors

- The flow sensor shall use a four-blade, open-cell rotor design using insertion paddlewheel technology.
- Linearity of the output signal with respect to flow rate shall be ±1 % of full range.
- Measurement repeatability of the output signal with respect to flow rate shall be ±0.5 % of full range.
- The sensor body shall be made of injection-molded polypropylene (PP) that shall accommodate up to 12.5 bar @ 20°C (180 psi @ 68°F) and 1.7 bar @ 90°C (25 psi @ 194°F). As an alternative, the sensor shall be made of injection-molded polyvinylidene fluoride (PVDF) that shall accommodate up to 14 bar @ 20°C (200 psi @ 68°F) and 1.7 bar @ 100°C (25 psi @ 212°F).
- The sensor shall attach to a pipe via a variety of insertion-style installation fittings supplied by the flow sensor manufacturer. Attachment shall use a 1-1/4 X 11-1/2 NPSM threaded cap. Sealing shall be accomplished with a double O-ring seal. O-rings shall be made of FPM-Viton®, FPM-Kalrez® or EPDM.
- The sensor shall be equipped with 0.5 in. female conduit connection.

Engineering Specifications for +GF+ SIGNET 515 Rotor-X Flow Sensor

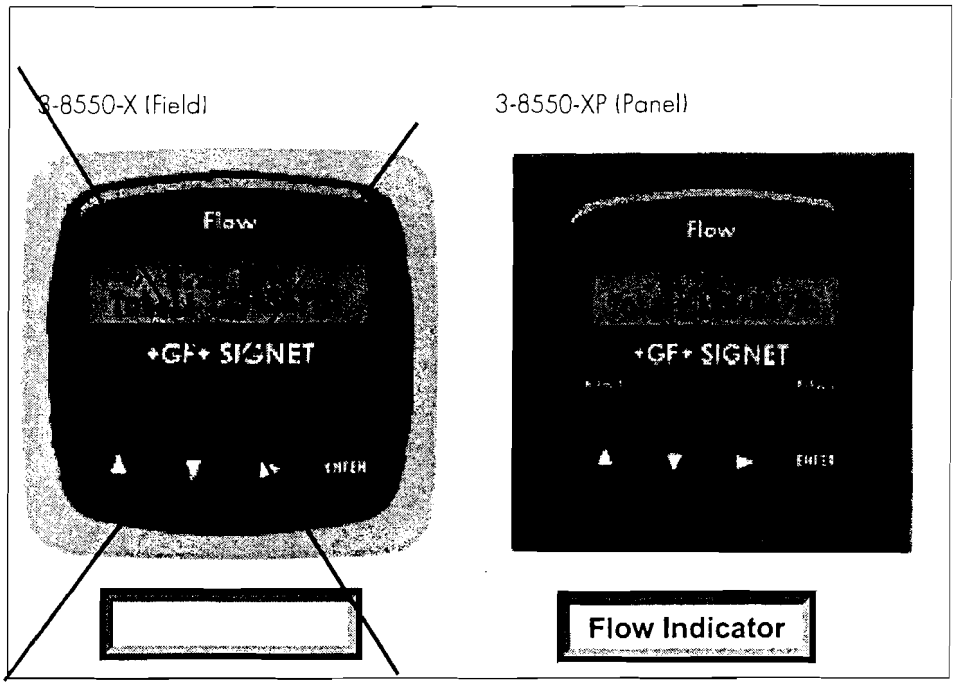
- The sensor shall require no electrical power.
- The sensor shall provide an output signal of 3.3 V p-p per m/s nominal (1 V p-p per ft/s) at a frequency of 19.7 Hz per m/s nominal (6 Hz per ft/s) from 0.3 to 6 m/s (1 to 20 ft/s).
- Output shall be via a twisted pair, foil-shielded cable with drain wire. Supplied cable shall be at least 7.6 m (25 ft) long, with a maximum allowable length of 60 m (200 ft).
- The operating range of the sensor shall accommodate nominal flow rates from 0.3 to 6 m/s (1 to 20 ft/s).
- The sensor shall meet appropriate CE standards and FM standards for Classes 1, 11 and 111, Division 1/Groups A-G.

Engineering Specifications for +GF+ SIGNET 2536 Low Flow Sensor

- The sensor shall operate with a power input of 3.3 to 6VDC @ <1.5 mA or from 6 to 24 VDC @ <20 mA.
- The sensor output shall provide an open-collector pulse at a frequency of 49.2 Hz per m/s nominal (15 Hz per ft/s).
- Output shall be via a twisted pair, foil-shielded cable with drain wire. Supplied cable shall be at least 7.6 m (25 ft) long, with a maximum allowable length of 305 m (1000 ft).
- The operating range of the sensor shall accommodate nominal flow rates from 0.1 to 6 m/s (0.3 to 20 ft/s).
- The sensor shall meet appropriate CE standards.

5964

+GF+ SIGNET 8550 Flow Transmitters



Features

- Permanent & resettable totalizers
- Scaleable outputs
- Relay options
- Mounting versatility
- 2 x 16 character dot matrix LCD
- NEMA 4X enclosure with self-healing window
- Large pushbuttons
- Numbered terminals
- Output simulation for complete system testing

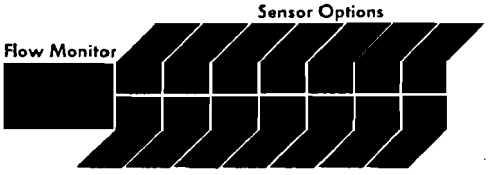
Application

- Flow control and monitoring
- Filtration or softener regeneration
- Effluent totalization
- Pump protection
- Feed pump pulsing
- Ratio control
- Water distribution
- Leak detection

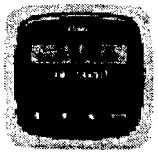
Description

+GF+ SIGNET 8550 Flow Transmitters are advanced instruments that convert the signal from all +GF+ SIGNET flow sensors into a 4 to 20 mA signal for long distance transmission. Configuration flexibility is maximized with single or dual input/output, two optional relays for process control, two packaging options for integral/pipe mount or panel installation, and scalability for virtually any flow range or engineering unit. State-of-the-art electronic design ensures long-term reliability, signal stability, and simple user setup and operation.

Options

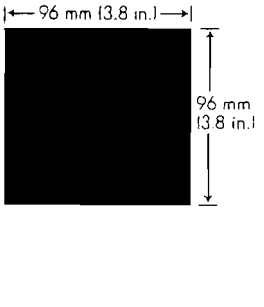


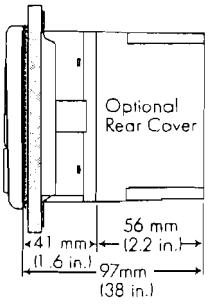
Technical Features

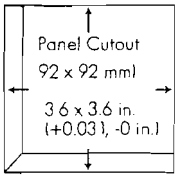
Mounting Version	Part No.	Wire Power	Sensor Input	4 to 20 mA Output	Open Collector/ Relay
Field 	3-8550-1	2/4 non-powered and powered sensors	1	1	1 O.C. Hi, Lo, Pulse Freq or Off
	3-8550-2	4 non-powered and powered sensors	1	1	2 Relays Hi, Lo, Pulse or Off
	3-8550-3	2/4 non-powered and powered sensors	2	2 Sensor 1, Sensor 2 or delta Flow	2 O.C.'s Hi, Lo, Pulse Freq or Off
Panel 	3-8550-1P	2/4 non-powered and powered sensors	1	1	1 O.C. Hi, Lo, Pulse Freq or Off
	3-8550-2P	4 non-powered and powered sensors	1	1	2 Relays Hi, Lo, Pulse or Off
	3-8550-3P	2/4 non-powered and powered sensors	2	2 Sensor 1, Sensor 2 or delta Flow	2 O.C.'s Hi, Lo, Pulse Freq or Off

Dimensions

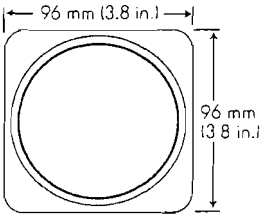
Panel Mount

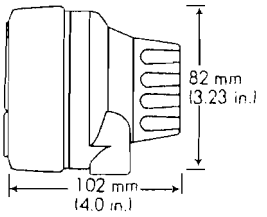






Integral/Universal Mount



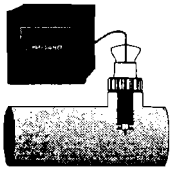


Installation

The transmitter is available in a panel mount or a field version. The field version is mounted to the sensor using the integral mount kit (3-8051) or you may select the universal mount kit (3-8050) to mount the transmitter on a surface near the sensor.

1. Panel Mount

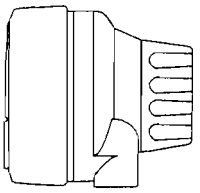
3-8550-XP



All panel mount transmitters (3-8550-XP) include a mounting bracket and gasket for a NEMA 4X watertight panel installation. Panel mount transmitters fit into a standard 1/4 DIN panel cutout.

2. Integral Mount

3-8051Kit

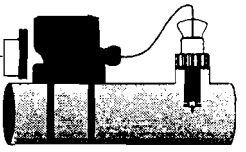


The Integral Mount Kit (3-8051) can be ordered separately and includes a conduit base, locking ring, and integral adapter for mounting the transmitter directly onto a sensor.

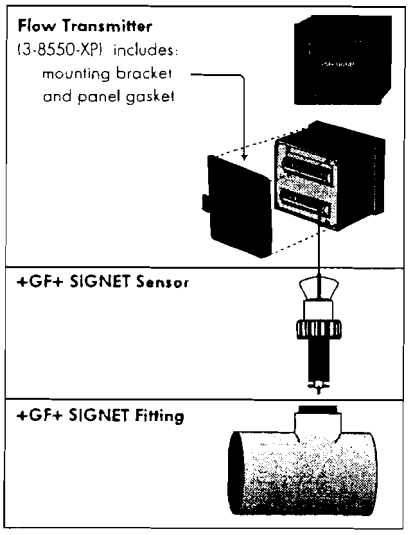
3. Universal Mount

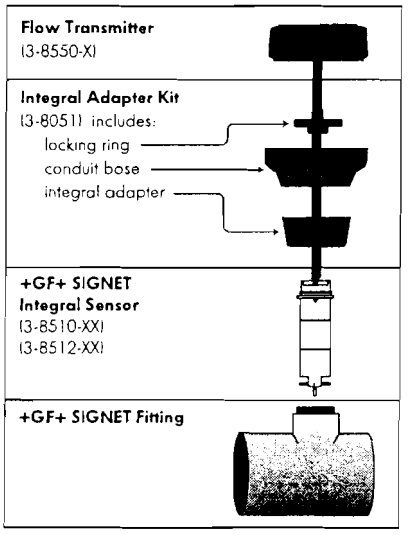
3-8550-X Transmitter

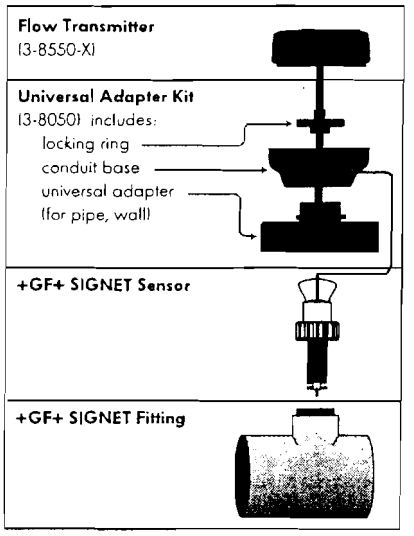
3-8050 Kit



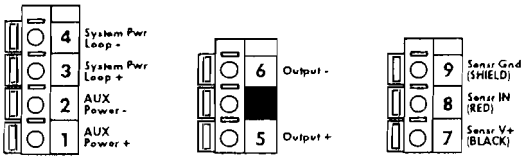
The Universal Mount Kit (3-8050) can be ordered separately and includes a conduit base, locking ring, and universal adapter for mounting the transmitter on a pipe, wall, or other stationary surface.



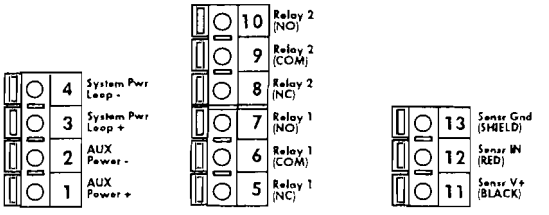




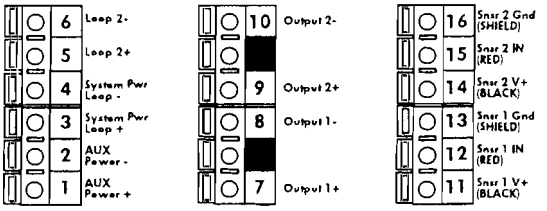
Rear Terminal View



Terminal 8550-1



Terminal 8550-2



Terminal 8550-3

Note: The terminal blocks are not labeled on the back of the unit. An adhesive label is supplied with terminal descriptions to serve as a remote terminal display.

Technical Data

General

Compatibility:
+GF+ SIGNET Flow Sensors with frequency outputs (all except 2560 and 7001)
Accuracy: ± 0.5% of reading @ 25°C
Enclosure:
- Rating: NEMA 4X/IP65 front
- Case: PBT
- Panel Case Gasket: Neoprene
- Window: Polyurethane coated polycarbonate
- Keypad: Sealed 4-key silicone rubber
- Shipping Weight: 0.325kg (0.8 lbs.)

Display:
- Alphanumeric 2 x 16 LCD
- Update rate: 1 second
- Contrast: User selectable, 5 levels

Environmental

Operating temperature:
-10 to 70°C (14 to 158°F)
Storage temperature:
-15 to 80°C (5 to 176°F)
Relative humidity:
0 to 95%, non-condensing

Standards and Approvals

- CSA, CE, UL listed
- Manufactured under ISO 9001 and ISO 14001
- NEMA 4X and IP65

Electrical

Power:
- 12 to 24 VDC ±10%, regulated
(-1) 61 mA max.; (-2) 200 mA max.; (-3) 122 mA max.

Sensor Input:
- Range: 0.5 to 1500 Hz
- Sensor power:
2-wire: 1.5 mA @ 5 VDC ± 1%
3 or 4 wire: 20 mA @ 5 VDC ± 1%
- Optically isolated from current loop
- Short circuit protected

Current output:
- 4 to 20 mA, isolated, fully adjustable and reversible
- Max loop impedance:
50Ω max. @ 12 V,
325Ω max. @ 18 V,
600Ω max. @ 24 V
- Update rate: 100 ms
- Accuracy: ±0.03 mA

Relay output:
- Mechanical SPDT contacts: Hi, Lo, Pulse, Off
- Maximum voltage rating: 5 A @ 30 VDC, 5 A @ 250 VAC resistive load
- Hysteresis: User selectable
- Max 300 pulses/min.

Open-collector output: Hi, Lo, Pulse, Off
- Open-collector, optically isolated, 50 mA max. sink, 30 VDC max. pull-up voltage.
- Max 300 pulses/min.
- Hysteresis: User selectable

Ordering Information

Mfr. Part No.	Code	Description
3-8550-1	159 000 047	Flow transmitter, Field mount
3-8550-1P	159 000 048	Flow transmitter, Panel mount
3-8550-2	159 000 049	Flow transmitter, Field mount with relays
3-8550-2P	159 000 050	Flow transmitter, Panel mount with relays
3-8550-3	159 000 051	Flow transmitter, Field mount with dual input/output
3-8550-3P	159 000 052	Flow transmitter, Panel mount with dual input/output

Accessories

Mfr. Part No.	Code	Description
3-8050	159 000 184	Universal mounting kit
3-8050.395	159 000 186	Transmitter NEMA 4X cover
3-8051	159 000 187	Flow Integral Mnt NPT
3-8052	159 000 188	3/4 in. Integral Mounting Kit
3-8050.396	159 000 617	RC Filter kit (for relay use)
3-8050.392	159 000 640	Model 200 retro-fit adapter
3-0000.596	159 000 641	Heavy duty wall mount bracket
3-5000.598	198 840 225	Surface Mount Bracket
3-9000.392	159 000 368	Liquid tight connector kit for rear cover (includes 3 connectors)
3-9000.392-1	159 000 839	Liquid tight connector kit, NPT (1 piece)
3-9000.392-2	159 000 841	Liquid tight connector kit, PG13.5 (1 piece)

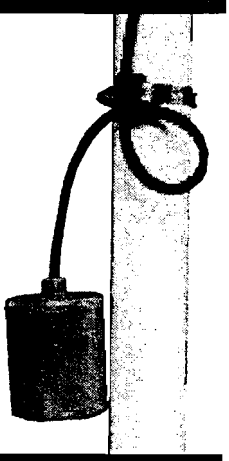
Engineering Specifications

- The transmitter shall meet appropriate CE, CSA & UL standards.
- The transmitter shall be manufactured under ISO 9001 and ISO 14001 certified processes.
- The transmitter shall be field or panel mountable.
- The transmitter shall have flow rate and dual totalization capability.
- The display units shall be fully scaleable.
- The device shall meet NEMA 4X and IP65 standards.
- The operating voltage shall be 12 to 24 VDC.
- The transmitter shall have a 4 to 20 mA output with an open collector output, 5 to 30 VDC or a 4 to 20 mA output with 2 relays, or dual 4 to 20 mA output with dual open collector with delta capability.
- The transmitter shall have simulate capability.
- The transmitter shall be +GF+ SIGNET 8550 Flow Transmitter.

5964

SJE PUMPMASTER® Pump Switch

Mechanically-activated, wide-angle switch designed for direct control of pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.



This mechanically-activated, wide-angle pump switch provides automatic control of pumps in:

- potable water
- water
- sewage applications

The SJE PumpMaster® pump switch is not sensitive to rotation or turbulence allowing it to be used in both calm and turbulent applications.

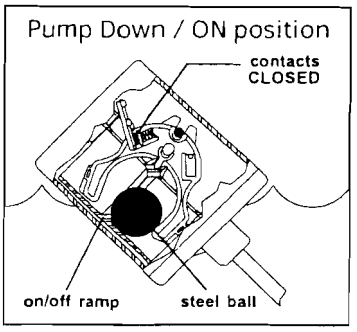
High Water Level Alarm (N.C.)

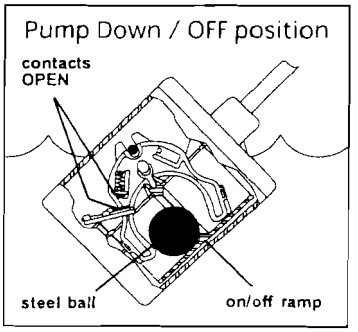
Pump On/Off (N.O)

U.S. Patent Nos. 5,087,801 & 5,142,108

FEATURES

- Passed NSF Standard 61 protocol by an approved Water Quality Association laboratory.
- Heavy-duty contacts.
- Controls pumps up to 1/2 HP at 120 VAC and 1 HP at 230 VAC.
- Adjustable pumping range of 7 to 36 inches (18 to 91 cm).
- Includes standard mounting clamp and boxed packaging.
- UL Recognized for use in water and sewage.
- CSA Certified.
- Three-year limited warranty.





OPTIONS

This switch is available:

- for pump down or pump up applications as specified by part number.
- with a 120 VAC or 230 VAC piggy-back plug.
- without a plug for direct wiring in 120 VAC or 230 VAC applications.
- in standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters (longer lengths available).

SPECIFICATIONS

CABLE: flexible 16 gauge, 2 conductor (UL, CSA) SJOW, water-resistant (CPE)

FLOAT: 3.05 inch diameter x 3.56 inch long (7.75 x 9.04 cm) high impact, corrosion resistant, PVC housing for use in sewage and water up to 140°F (60°C)

ELECTRICAL:

120 VAC 50/60Hz Single Phase:

Maximum Pump Running Current: 13 amps

Maximum Pump Starting Current: 85 amps

Recommended Pump HP: 1/2 HP or less

230 VAC 50/60Hz Single Phase:

Maximum Pump Running Current: 13 amps

Maximum Pump Starting Current: 85 amps

Recommended Pump HP: 1 HP or less

Note: This switch must be used with pumps that provide integral thermal overload protection.

PUMP SWITCHES

SJE Rhombus® CONTROLS

PO Box 1708, Detroit Lakes, MN 56502
1-888-DIAL-SJE • 1-218-847-1317
1-218-847-4617 Fax
email: sje@sjerhombus.com
www.sjerhombus.com

Pressure

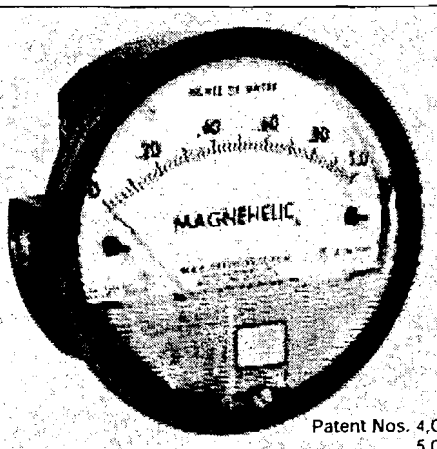
5964

Dwyer®

Series 2000 Magnehelic® Differential Pressure Gages

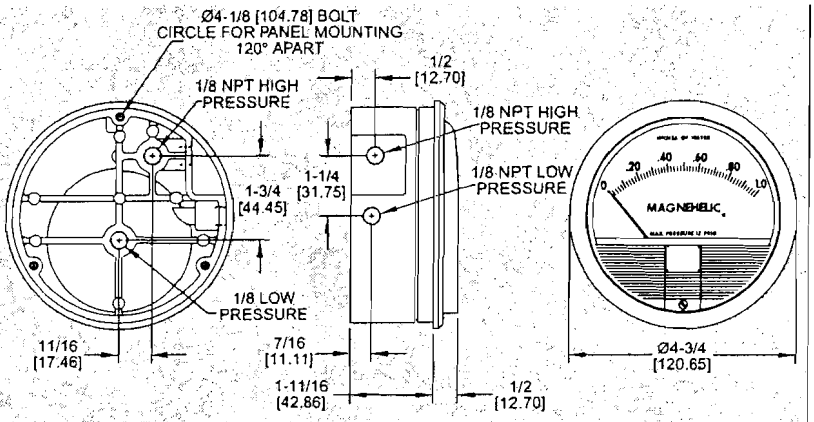
Indicate positive, negative or differential. Accurate within 2%.

Stripper Vacuum Gauge



Patent Nos. 4,030,365
5,012,678

Standard Magnehelic® Pressure Gage has a large, easy-to-read 4" dial.



Dimensions, Standard Series 2000 Magnehelic® Pressure Gages. (Slightly different on medium and high pressure models)

Select the Dwyer Magnehelic® gage for high accuracy – guaranteed within 2% of full scale – and for the wide choice of 81 ranges available to suit your needs precisely. Using Dwyer's simple, frictionless Magnehelic® movement, it quickly indicates low air or non-corrosive gas pressures – either positive, negative (vacuum) or differential. The design resists shock, vibration and over-pressures. No manometer fluid to evaporate, freeze or cause toxic or leveling problems. It's inexpensive, too.

Widely used to measure fan and blower pressures, filter resistance, air velocity, furnace draft, pressure drop across orifice plates, liquid levels with bubbler systems and pressures in fluid amplifier or fluidic systems. It also checks gas-air ratio controls and automatic valves, and monitors blood and respiratory pressures in medical care equipment.

Flush ...Surface...or Pipe Mounted

MOUNTING. A single case size is used for most ranges of Magnehelic® gages. They can be flush or surface mounted with standard hardware supplied. With the optional A-610 Pipe Mounting Kit they may be conveniently installed on horizontal or vertical 1¼" - 2" pipe. Although calibrated for vertical position, many ranges above 1" may be used at any angle by simply re-zeroing. However, for maximum accuracy, they must be calibrated in the same position in which they are used. These characteristics make Magnehelic® gages ideal for both stationary and portable applications. A 4⅜" hole is required for flush panel mounting. Complete mounting and connection fittings plus instructions are furnished with each instrument.

VENT VALVES

In applications where pressure is continuous and the Magnehelic® gage is connected by metal or plastic tubing which cannot be easily removed, we suggest using Dwyer A-310A vent valves to connect gage. Pressure can then be removed to check or re-zero the gage.

HIGH AND MEDIUM PRESSURE MODELS

Installation is similar to standard gages except that a 4⅛" hole is needed for flush mounting. The medium pressure construction is rated for internal pressures up to 35 psig and the high pressure up to 80 psig. Available in all ranges. Because of larger case, will not fit in portable case. Weight 1 lb., 10 oz (Installation of the A-321 safety relief valve on standard Magnehelic® gages often provides adequate protection against infrequent overpressure.

PHYSICAL DATA

Ambient temperature range: 20° to 140°F* (-7° to 60°C).
Rated total pressure: -20" Hg. to 15 psig† (-68 kPa to 103 kPa).
Overpressure: Relief plug opens at approximately 25 psig (172 kPa).
Connections: ⅛" NPT(F) high and low pressure taps, duplicated — one pair side and one pair back.
Housing: Die cast aluminum. Case and aluminum parts iridite-dipped to withstand 168 hour salt spray test. Exterior finish is dark gray.
Accuracy: Plus or minus 2% of full scale (3% on -0 and 4% on -00 ranges), throughout range at 70°F (21°C).
Standard accessories: Two ⅛" NPT plugs for duplicate pressure taps, two ⅛" pipe thread to rubber tubing adapters and three flush mounting adapters with screws. (Mounting ring and snap ring retainer substituted for 3 adapters in MP & HP gage accessories.)
Weight: 1 lb. 2 oz. (460 g)

*Low temperature models available as special option.
†For applications with high cycle rate within gage total pressure rating, next higher rating is recommended. See Medium and High pressure options at lower left.

OPTIONS AND ACCESSORIES

Transparent overlays

Furnished in red and green to highlight and emphasize critical pressures

Adjustable signal flag

Integral with plastic gage cover. Available for most ranges except those with medium or high pressure construction. Can be ordered with gage or separate

LED Setpoint Indicator

Bright red LED on right of scale shows when setpoint is reached. Field adjustable from gage face, unit operates on 12-24 VDC. Requires MP or HP style cover and bezel

Portable units

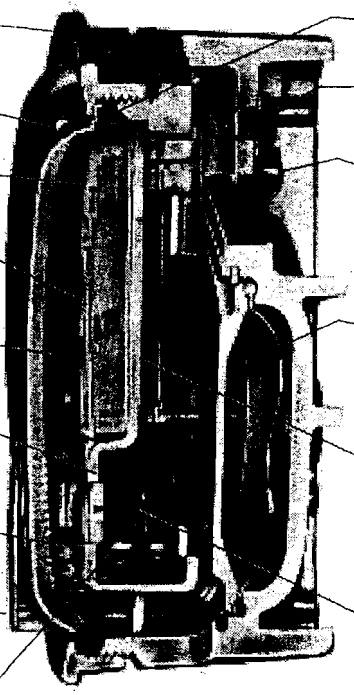
Combine carrying case with any Magnehelic® gage of standard range (not high pressure). Includes 9 ft. (2.7 m) of ⅜" I.D. rubber tubing, standhang bracket and terminal tube with holde

Air filter gage accessory package

Adapts any standard Magnehelic® for use as an air filter gage. Includes aluminum surface mounting bracket with screws, two 5 ft. (1.5 m) lengths of ¼" aluminum tubing two static pressure tips and two molded plastic vent valves, integral compression fittings on both tips and valves

Dwyer Instruments, Inc. P.O. Box 373/Michigan City, Indiana 46361/Phone 219 879-8000/Fax 219 872-9057 • U.K. Phone (01494)-461707 • Australia Phone (02) 9756-5355

Quality design and construction features



Bezel provides flange for flush mounting in panel.

Clear plastic face is highly resistant to breakage. Provides undistorted viewing of pointer and scale.

Precision litho-printed scale is accurate and easy to read.

Red tipped pointer of heat treated aluminum tubing is easy to see. It is rigidly mounted on helix shaft.

Pointer stops of molded rubber prevent pointer over-travel without damage.

"Wishbone" assembly provides mounting for helix, helix bearings and pointer shaft.

Jeweled bearings are shock-resistant mounted; provide virtually friction-free motion for helix. Motion damped with high viscosity silicone fluid.

Zero adjustment screw is conveniently located in plastic cover, accessible without removing cover. O-ring seal provides pressure tightness.

O-ring seal for cover assures pressure integrity of case.

Blowout plug of silicone rubber protects against overpressure on 15 PSIG rated models. Opens at approximately 25 PSIG.

Die cast aluminum case is precision made. Iridite-dipped to withstand 168 hour salt spray test. Exterior finished in baked dark gray hammerloid. One case size used for all standard pressure ranges, and for both surface and flush mounting.

Silicone rubber diaphragm with integrally molded O-ring is supported by front and rear plates. It is locked and sealed in position with a sealing plate and retaining ring. Diaphragm motion is restricted to prevent damage due to overpressures.

Calibrated range spring is flat spring steel. Small amplitude of motion assures consistency and long life. It reacts to pressure on diaphragm. Live length adjustable for calibration.

Samarium Cobalt magnet mounted at one end of range spring rotates helix without mechanical linkages.

Helix is precision milled from an alloy of high magnetic permeability. Mounted in jeweled bearings, it turns freely to align with magnetic field of magnet to transmit pressure indication to pointer.

Dual Scale English/Metric Models		
Model Number	Range, In. W.C.	Range, Pa or kPa
2000-0D	0-0.5	0-125 Pa
2001D	0-1.0	0-250 Pa
2002D	0-2.0	0-500 Pa
2003D	0-3.0	0-700 Pa
2004D	0-4.0	0-1.0 kPa
2006D	0-6.0	0-1.5 kPa
2008D	0-8.0	0-2.0 kPa
2010D	0-10	0-2.5 kPa

SERIES 2000 MAGNEHELIC® — MODELS AND RANGES
STOCKED MODELS in bold

The models below will fulfill most requirements. Page 4 also shows examples of special models built for OEM customers. For special scales furnished in ounces per square inch, inches of mercury, metric units, etc., contact the factory.

Model Number	Range Inches of Water
2000-00†	**0-.25**
2000-0†	**0-.50**
2001	**0-1.0**
2002	**0-2.0**
2003	**0-3.0**
2004	**0-4.0**
2005	**0-5.0**
2006	**0-6.0**
2008	**0-8.0**
2010	**0-10**
2015	**0-15**
2020	**0-20**
2025	**0-25**
2030	**0-30**
2040	**0-40**
2050	**0-50**
2060	**0-60**
2080	**0-80**
2100	**0-100**
2150	**0-150**

Model Number	Range Zero Center Inches of Water
2300-0†	**.25-0-.25**
2301	**.5-0-.5**
2302	**1-0-1**
2304	**2-0-2**
2310	**5-0-5**
2320	**10-0-10**
2330	**15-0-15**

Model Number	Range PSI
2201	**0-1**
2202	**0-2**
2203	**0-3**
2204	**0-4**
2205	**0-5**
2210*	**0-10**
2215*	**0-15**
2220*	**0-20**
2230**	**0-30**

*MP option standard
**HP option standard

Dual Scale Air Velocity Units

Model Number	Range in W.C.I Velocity, F.P.M.
2000-00AV	**0-.25/300-2000**
2000-0AV	**0-.50/500-2800**
2001AV	**0-1.0/500-4000**
2002AV	**0-2.0/1000-5600**
2010AV	**0-10/2000-12500**

For use with pitot tube.

Model Number	Range MM of Water
2000-6MM†	**0-6**
2000-10MM	**0-10**
2000-25MM	**0-25**
2000-50MM	**0-50**
2000-80MM	**0-80**
2000-100MM	**0-100**

Zero Center Ranges

2300-20MM†	**10-0-10**

Model Number	Range, CM of Water
2000-15CM	**0-15**
2000-20CM	**0-20**
2000-25CM	**0-25**
2000-50CM	**0-50**
2000-80CM	**0-80**
2000-100CM	**0-100**
2000-150CM	**0-150**
2000-200CM	**0-200**
2000-250CM	0-250
2000-300CM	**0-300**

Zero Center Ranges

2300-4CM	**2-0-2**
2300-10CM	**5-0-5**
2300-30CM	**15-0-15**

†These ranges calibrated for vertical scale position.

Model Number	Range, Pascals
2000-60 Pa†	**0-60**
2000-125 Pa†	**0-125**
2000-250 Pa	**0-250**
2000-500 Pa	**0-500**
2000-750 Pa	**0-700**

Zero Center Ranges

2300-250 Pa	**125-0-125**
2300-500 Pa	**250-0-250**

Model Number	Range, Kilopascals
2000-1 kPa	**0-1**
2000-1.5 kPa	**0-1.5**
2000-2 kPa	**0-2**
2000-3 kPa	**0-3**
2000-4 kPa	**0-4**
2000-5 kPa	**0-5**
2000-8 kPa	**0-8**
2000-10 kPa	**0-10**
2000-15 kPa	**0-15**
2000-20 kPa	**0-20**
2000-25 kPa	0-25
2000-30 kPa	**0-30**

Zero Center Ranges

2300-1 kPa	**.5-0-.5**
2300-3 kPa	**1.5-0-1.5**

Accessories
- **A-310A**, 3-Way Vent Valve
- **A-321**, Safety Relief Valve
- **A-432**, Portable Kit
- **A-605**, Air Filter Kit
- **A-610**, Pipe Mount Kit

Options — To order, add suffix: I.E. 2001-ASF
- ASF (Adjustable Signal Flag)
- HP (High Pressure Option)
- LT (Low Temperatures to -20°F)
- MP (Med. Pressure Option)
- SP (Setpoint Indicator

Scale Overlays — Red, Green, Mirrored or Combination, Specify Locations

Special Purpose Ranges

Scale No. 2401	Scale No. 2402
Square Root	Blank Scale
Specify Range	Specify Range

Model 2000-00N, range -.05 to +.20" W.C. For room pressure monitoring

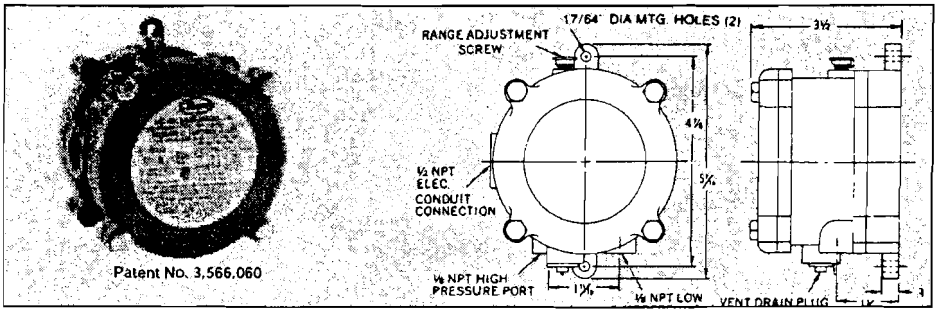
1011R01-0298P

5964

Series 1950

Explosion-Proof Differential Pressure Switches

Compact, Low cost, Explosion-proof and Weatherproof.



Model 1950 Explosion-Proof Differential Pressure Switch combines the best features of the popular Dwyer series 1900 with an integral explosion-proof and weather-proof housing, making it an exceptional value for either application. It is C.E., U.L. and C.S.A. Listed, F.M. approved for use in Class I Groups C and D, Class II Groups E, F, and G and Class III hazardous atmospheres (NEMA 7 & 9). Weather-proof features include a drain plug and O-ring seal in cover. Electrical connections are easily made by removing front cover. For convenience the set point adjustment screw is located on the outside of the housing. Twelve models offer set points from .03 to 20" (.8 to 508 mm) w.c. and from .5 to 50 psi (3.4 to 345 kPa). The unit is very light and compact – about half the weight and bulk of other explosion-proof or weather-proof switches with separate enclosures.

PHYSICAL DATA

Temperature Limits: -40°F to 140°F (-40°C to 60°C). 0°F to 140°F (-18°C to 60°C) for 1950P-8, 15, 25, and 50 -30°F to 130°F (34°C to 54°C) for 1950-02
Maximum Surge Pressure: 1950-10 psi (.7 bar), 1950P - 50 psi (3.4 bar) 1950P-50 only - 90 psi (6.2 bar)
Rated Pressure: 1950 - 45" (.1 bar) w.c., 1950P - 35 psi (2.4 bar), 1950P-50 only - 70 psi (4.8 bar)
Pressure Connection: 1/8" NPT(F)
Electrical Rating: 15 amps, 125, 250, 480 volts, 60 Hz. AC. Resistive1/8" H.P. @125 volts,1/4" H.P. @ 250 volts, 60 Hz. A.C.
Wiring Connections: 3 screw type; common, norm. open and norm. closed.
Conduit Connection: 1/2" NPT(F)
Set Point Adjustment: Screw type on top of housing. Field adjustable.
Housing: Anodized cast aluminum
Diaphragm: Molded fluorosilicone rubber. 02 model, silicone on nylon.
Calibration Spring: Stainless steel.
Installation: Mount with diaphragm in vertical position.
Weight: 3 1/4 lbs. (1.5 kg) 02 model, 4 lbs., 7 oz. (2 kg)

Loss of Vacuum

Excess Vacuum

SERIES 1950 SWITCHES — STOCKED MODELS, OPERATING RANGES AND DEAD BANDS

Model Number	Range, Inches W.C.	Approximate Dead Band at	
		Min. Set Point	Max. Set Point
1950-02	.03 to .10	.025	.05
1950-00	.07 to .15	.04	.05
1950-0	.15 to .50	.10	.15
1950-1	.4 to 1.6	.15	.20
1950-5	1.4 to 5.5	.30	.40
1950-10	3 to 11	.40	.50
1950-20	4 to 20	.40	.60

Model Number	Range, PSID	Approximate Dead Band at	
		Min. Set Point	Max. Set Point
1950P-2	0.5 to 2	.3	.3
1950P-8	1.5 to 8	1.0	1.0
1950P-15	3 to 15	.9	.9
1950P-25	4 to 25	.7	.7
1950P-50	15 to 50	1.0	1.5

CAUTION: For use only with air or compatible gases. Applications with hazardous atmospheres and a single positive pressure may require special venting.

GRUNDFOS

Job # 5964

10E

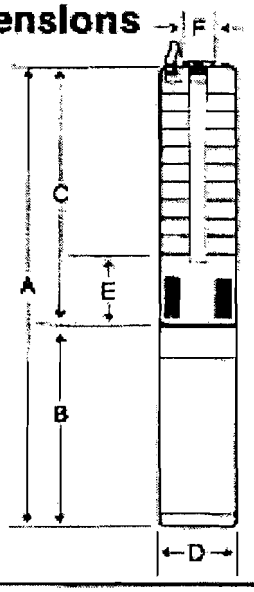
Redi-Flo4 Environmental Submersible Pumps

Submittal Data 3450 RPM 60 Hertz

JOB or CUSTOMER:	
ENGINEER:	
CONTRACTOR:	
SUBMITTED BY:	DATE:
APPROVED BY:	DATE:
ORDER NO:	DATE:
SPECIFICATION REF:	

QUANTITY	TAG NO.	MODEL NO.	GPM	FEET	VOLT	PHASE	COMMENTS

Dimensions



Technical Data

FLOW RANGE: 5 to 14 U.S. GPM

MOTORS: Grundfos MS402E Environmental Submersible Motor (Standard)
Maximum Operating Temperature: 104°F (40°C)
Maximum Submergence Pressure: 220 PSI
Maximum Number of Starts Per Hour: 100
Minimum Recommended Flow Past Motor: 0.25 ft/sec.

(NOTE: Franklin Pollution Recovery motor is optional.)

DISCHARGE SIZE: 1 ¼" NPT

MATERIALS OF CONSTRUCTION: See reverse side.

INSTALLATION: Unit to be installed vertically for submerged operation.

Electrical Data, Dimensions, and Weights ①

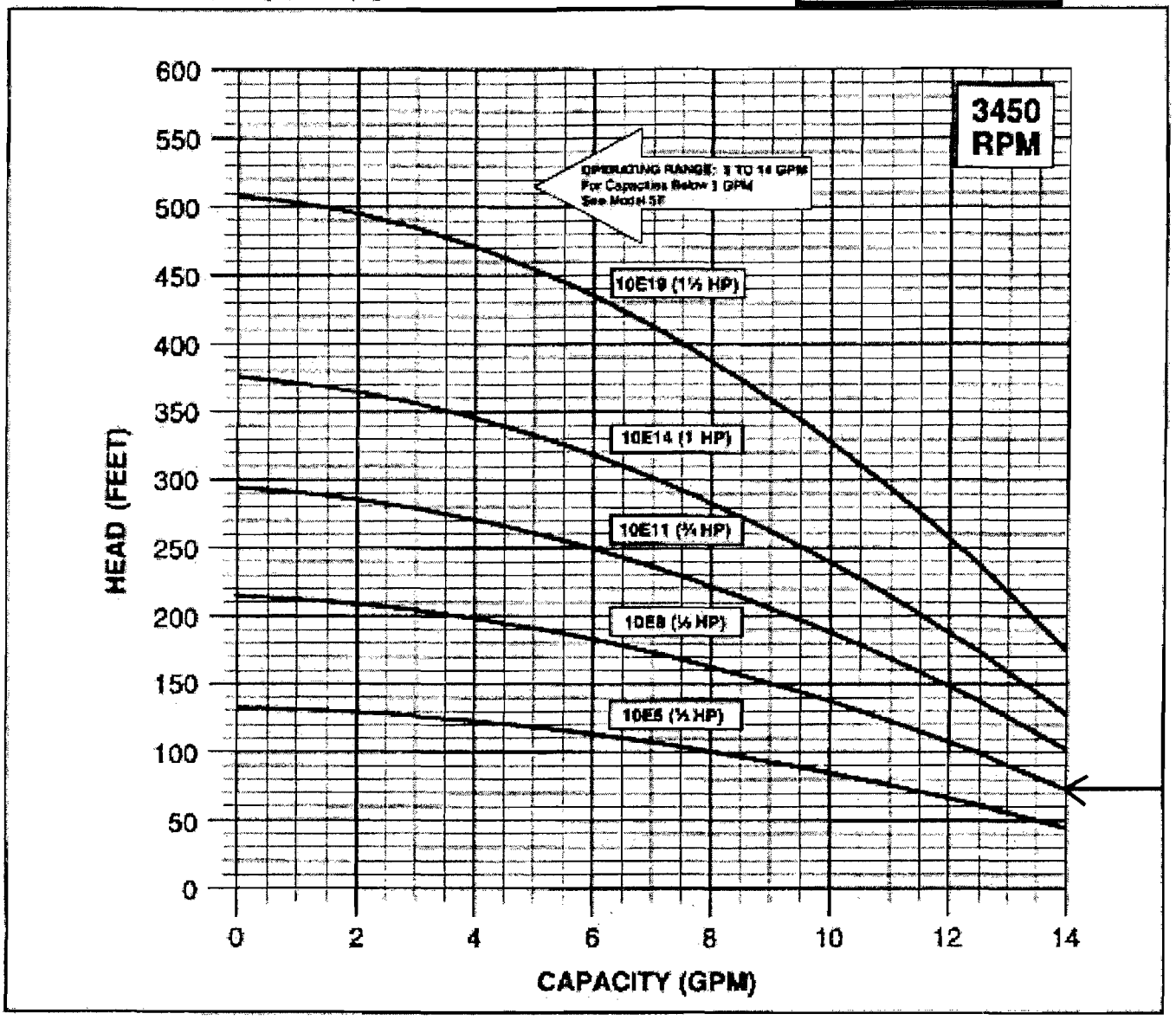
Pump Type	Motors				DIMENSIONS IN INCHES							
	HP	SF	PH	Volts	Overall Length A	Motor Length B	Pump End Length C	Max. Dia. D	Inlet E	Disch. Pipe Size (NPT) F	Net Weight (Lbs.)②	Ship. Weight (Lbs.)②
10E5	½	1.60	1	230	21 ⅛	10 13/32	10 3/32	3 21/32	3 ¼	1 ¼	25	26
10E8	½	1.60	1	230	23 5/16	10 13/32	12 3/4	3 21/32	3 ¼	1 ¼	26	28
10E11	¾	1.50	1	230	26 5/16	11 3/4	15 3/16	3 25/32	3 ¼	1 ¼	28	30
10E14	1	1.40	1	230	29 11/16	12	17 11/16	3 25/32	3 ¼	1 ¼	31	32
10E19	1 ½	1.30	1	230	35 ¾	13 5/16	21 7/16	3 25/32	3 ¼	1 ¼	35	37

① Data for Grundfos MS402E motors. ② Does not include motor leads.

Performance Curves

Job # 5964

10E



Materials of Construction

REDI-FLO4 PUMP END

Description	Material
Check Valve Housing, Check Valve, Diffuser Chamber, Impeller, Suction Interconnector, Inlet Screen, Pump Shaft, Straps, Cable Guard, Priming Inducer	304 SS
Check Valve Seat	304 SS & Teflon®
Impeller Seal Ring	Teflon®
Coupling	329/420/431 SS
Intermediate Bearings	Teflon®

GRUNDFOS ENVIRONMENTAL MOTOR

Description	Material
NEMA Top, Studs & Fasteners, Stator Housing, Fill Plug Screw	304 SS
Nuts	316 SS
Sand Slinger	FPM
Shaft Extension	431 SS
Diaphragm	FPM
Fill Plug Washer	Teflon®

GRUNDFOS ENVIRONMENTAL MOTOR LEADS

Description	Material
Connector Sleeve	304 SS
Connector Potting	Scotch Cast #4® Epoxy w/FPM Cap
Connector Plug	FPM
Lead Insulation	Teflon®
Conductor	Stranded Copper, 12 AWG

NOTES: Specifications are subject to change without notice.
Teflon® is a registered trademark of DuPont.
Scotch Cast #4® is a registered trademark of 3M Company.

GRUNDFOS®
Leaders in Pump Technology

GRUNDFOS Pumps Corporation • 3131 N. Business Park Ave. Fresno, CA 93727
Customer Service Centers: Allentown, PA • Fresno, CA
Phone: (800)333-1366 • Fax: (800)333-1363
Canada: Oakville, Ontario • Mexico: Apodaca, N.L.

L RF4-TL-010 | Rev. 4/98
PRINTED IN U.S.A.

WARRICK CONTROLS

Job # 5964

General Purpose PROBES

Model

- Series 3W

Applications

- Deep Applications (3W)

Features

- Metallic Bars (3W)
- Available in Many Materials for Various Requirements
- Adaptable for Various Fittings

Specifications — Series 3W

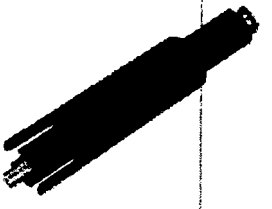
Series	Style	Material	Sheathing
3W	Wire suspended	Brass 316 SS	Polyethylene shield PVC-coated wire (150° F)

ell Level Probe

4 Sets of 3 Ea.

SERIES 3W Wire Suspended Probes

Series 3W probes, consisting of metallic bars within a protective plastic shield, are designed to be suspended above liquid with PVC-insulated wires. 7/8" (2.22cm) diameter x 3 3/4" (9.52) length. 3Z1A wire and 3Z1B adaptor kit required for use with 3E, 3F and 3N fittings.



Ordering Information — Series 3W

ORDER BY COMPONENT NUMBER 3WX

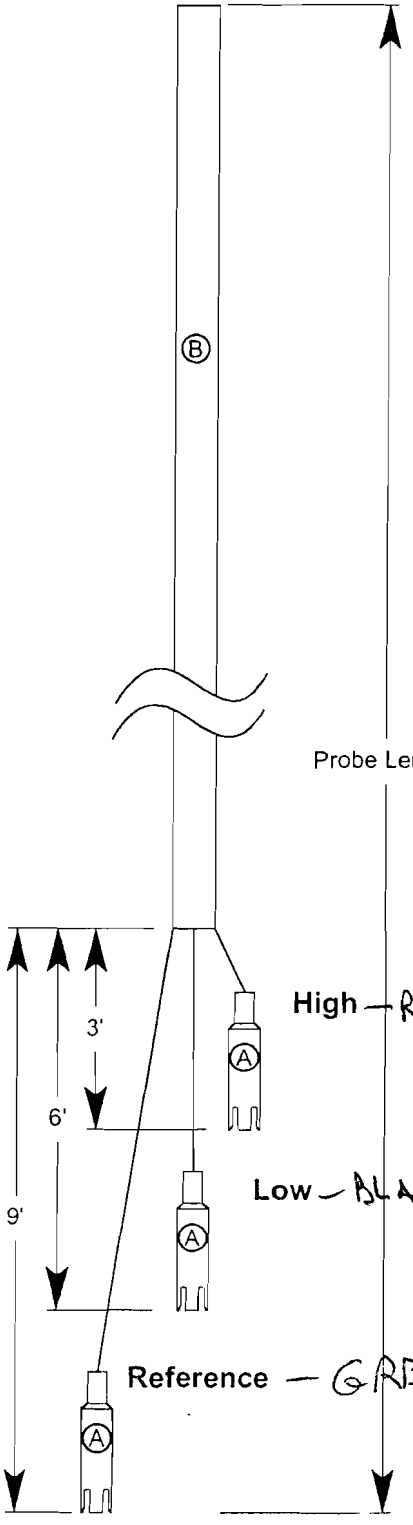
3RD PLACE SYMBOL	*Probe Material:*
1	**Brass**
2	**316 SS**

Standard part numbers in bold.

WARRICK CONTROLS One Cowles Rd., Plainville, CT 06062-1198 • Phone: 860-793-4579 • Fax: 860-793-4580

5964

Well Probes



Qty. 4 200-120-00312

A 3 500-120-10119 Probe,Conductivity,Sensor

1-WELL 50 Probe Length

x

4 Qty.

=

200 500-120-05480 Total Wire Length

B 500-120-05480 Wire,Sensor,Teflon Jacket

Note: See Well Probe Assembly Drawing.

CONTACT WATER WITH REFERENCE NO PUMP ON UNTIL CONTACT WATER WITH HIGH PROBE THEN PUMP GOES ON PUMP GOES OFF WHEN WATER LEVEL DROPS BELOW LOW PROBE

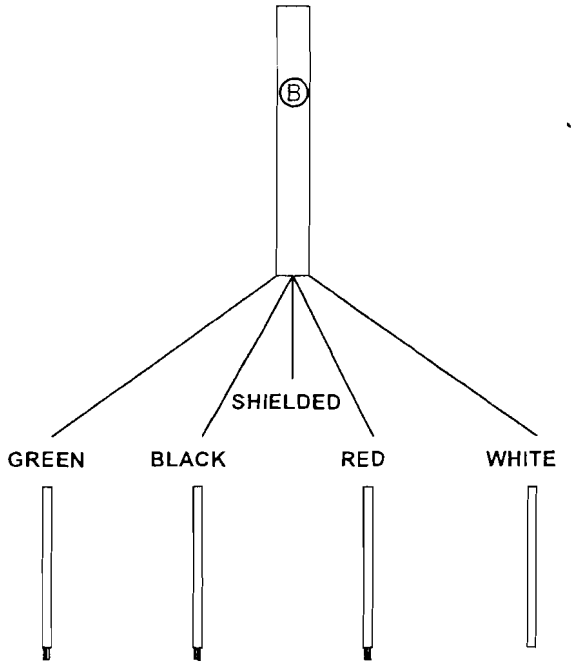
NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE: WELL PROBES

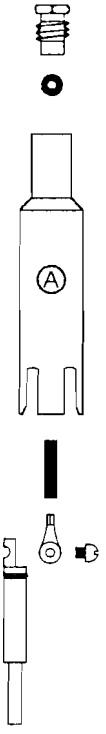
SIZE	DWG NO	SHEET	REV
A	900-120-00100	1 OF 2	C

SCALE		DRAWN	DATE
	DO NOT SCALE DRAWING	GC	8/07/01

5964



GREEN = REFERENCE ✓
BLACK = LOW ✓
RED = HIGH ✓
WHITE =DO NOT USE
SHIELDED



A	3	500-120-10119	Probe,Conductivity,Sensor
B	200	500-120-05480	Wire,Sensor,Teflon Jacket

Cable tie probes for 3' separation between H,L,Ref.

Maximum distance between High and Reference is 6 ft.

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

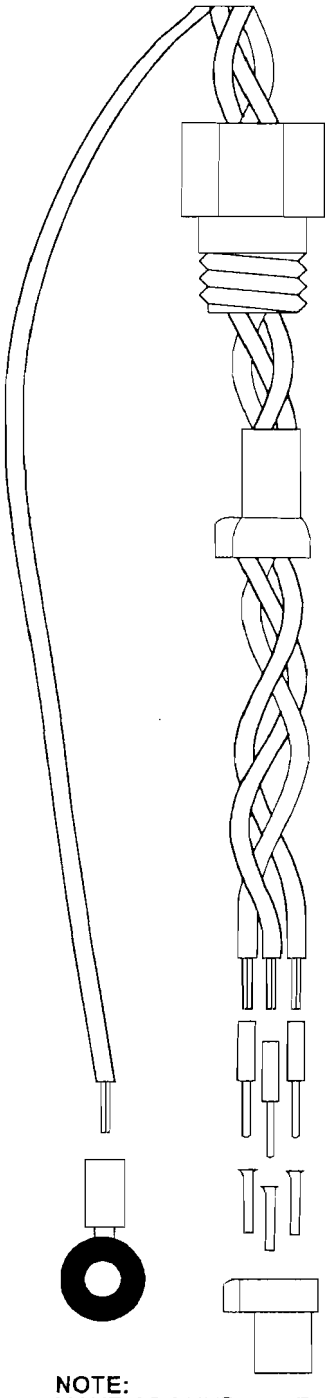
TITLE: **WELL PROBES ASSEMBLY DRAWING**

SIZE	DWG NO.	SHEET	REV
A	900-120-00100	2 OF 2	C

SCALE		DRAWN	DATE
	DO NOT SCALE DRAWING	GC	8/07/01

5964

3 Wire W/Ground Teflon Motor Lead



4 **200-120-00791 3 WIRE W/GROUND CONNECTION**
1 500-200-01022 Epoxy, 2 Ton Epoxy, dual tubes
1 500-120-04868 Connector,Sub-Pump,3Wire, Conn.

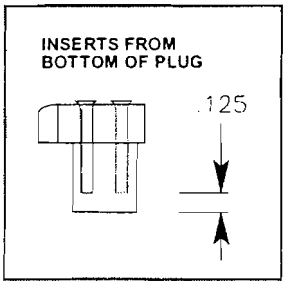
1 WELL [50 FT.] MOTOR LEAD LENGTH

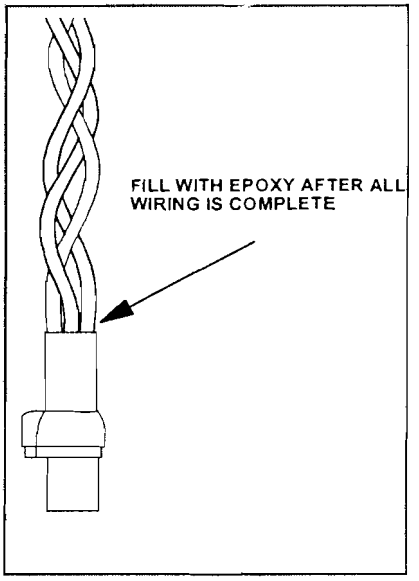
X

[4] Qty. of Wells

=

[200] **500-120-04876**
Wire,pump,12AWG,3W&GND,Teflon





NOTE:
MAKE GROUND WIRE 1.5" LONGER

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

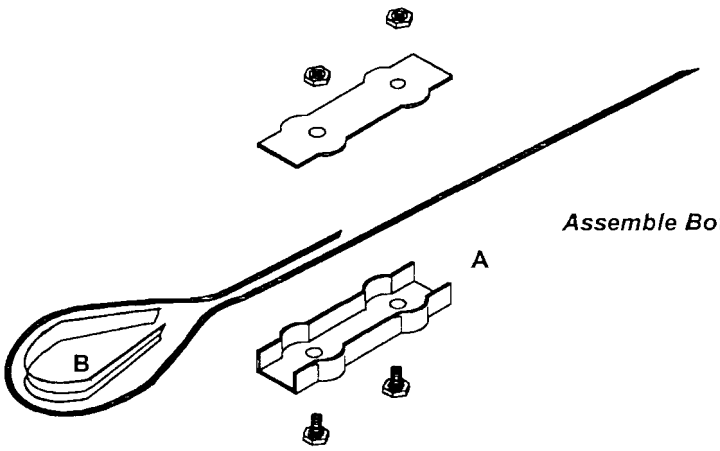
TITLE: **3 WIRE W/GROUND TEFLON MOTOR LEADS**

SIZE	DWG NO	SHEET	REV
A	900-120-00102	1 OF 1	

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	GC	4/26/00

5964

Pump Support, 1/8" & 3/16" Wire Cable



Assemble Both Ends of Wire

Wire Length

	C	500-200-40023	1/8" Wire 316 S.S.
	C	500-200-00051	1/8" Wire 304 S.S.
	C	500-200-40024	3/16" Wire 316 S.S.
200	C	500-200-40025	3/16" Wire 304 S.S.

Check ONE

☐ **200-200-00100 1/8" Support Cable 316 S.S.**

A 2 500-200-40083 Wire Rope,Clamp,1/8",316 S.S.
B 2 500-200-40085 Thimble,1/8", 316 S.S.,
2 500-200-40088 Connector,Threaded,5/16"

☐ **200-200-00101 1/8" Support Cable 304 S.S.**

A 2 500-200-40083 Wire Rope,Clamp,1/8",316 S.S.
B 2 500-200-00053 Thimble,wire rope,1/8",304sst,
2 500-200-40088 Connector,Threaded,5/16"

☐ **200-200-00102 3/16" Support Cable 316 S.S.**

A 2 500-200-40084 Wire Rope,Clamp,3/16",316 S.S
B 2 500-200-40086 Thimble,3/16", 316 S.S.,
2 500-200-40088 Connector,Threaded,5/16"

☑ **200-200-00103 3/16" Support Cable 304 S.S.**

A 2 500-200-40084 Wire Rope,Clamp,3/16",316 S.S
B 2 500-200-40087 Thimble,3/16", 304 S.S.,
2 500-200-40088 Connector,Threaded,5/16"

NORTH EAST ENVIRONMENTAL PRODUCTS, INC.
17 TECHNOLOGY DRIVE
WEST LEBANON, NEW HAMPSHIRE 03784

TITLE: Pump Support, 1/8" & 3/16" Wire Cable

SIZE	DWG NO.	SHEET	REV
A	900-200-00051	1 OF 1	-

SCALE		DRAWN	DATE
NONE	DO NOT SCALE DRAWING	GC	2/3/03

North East Environmental Products, Inc.
Limited Equipment and Performance Warranty

Materials and Workmanship Warranty

North East Environmental Products Incorporated (NEEP) warrants the new products and systems it manufactures to be free from defects in materials and workmanship for a period of 12 months from the date of shipment. In order for this warranty to be effective, the owner must notify NEEP of the defective condition within 3 months of discovering the defect. This warranty does not apply to any product that has been subjected to negligence, alteration, accident, abuse, misuse, vandalism, civil disturbances, or acts of God. This warranty shall be void and have no effect if the equipment is not properly installed in accordance with all local ordinances, regulations, and the written installation, operation, and maintenance instructions supplied by NEEP, or if 100% of the invoiced selling price has not been paid.

If, after inspection by an authorized NEEP representative, or after NEEP has received the product at the factory, NEEP determines that the product is defective under this warranty, NEEP may at its discretion repair or replace the product. REPAIR OR REPLACEMENT IS NEEP'S SOLE OBLIGATION WITH RESPECT TO DAMAGES, WHETHER DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL, RESULTING FROM DEFECTIVE CONDITION OR USE OF THE PRODUCT. All charges or expenses for freight to and from the factory, removal and reinstallation of the product, or installation of a replacement product are the responsibilities of the owner. If system is modified or disassembled for any reason without the written consent of NEEP, this warranty shall be void.

Replacements furnished under this warranty do not carry a new warranty. Replacements carry only the unexpired portion of the original warranty.

This warranty does not cover equipment provided as part of NEEP supplied systems that is furnished by third party vendors, including but not limited to motors, pumps, blowers, compressors, instruments, etc. Such equipment shall be warranted and passed through to the customer only to the extent of any third party original warranty to NEEP. Protective devices, wearing components, and normal maintenance items are not covered under NEEP's warranty, including but not limited to fuses, circuit breakers, zener barriers, bulbs, oil, filters, seals, bearings, rotary vanes, and O-rings.

Performance Warranty

NEEP warrants that its products will perform as promised in the proposal from which the equipment is purchased for a period of 12 months from the date of shipment, so long as:

1. The operating conditions specified in the proposal are adhered to.
2. The system is installed, operated and maintained according to NEEP's instructions.
3. Materials and Workmanship Warranty terms are adhered to.

NEEP assumes no responsibility for appropriateness of preliminary or budgetary proposals, and in no case will recognize performance criteria not referenced in its formal proposal, or the proposal of one of its approved resellers. Analytical procedures used for field validation of performance under this warranty shall be approved by NEEP.

In order for this warranty to be effective, the owner must pay 100% of the invoiced selling price and notify NEEP of the defective condition within 3 months after discovering the defect.

If the equipment does not meet the performance cited in the equipment proposal under the operating conditions specified, NEEP, at its own discretion, will make necessary adjustments and/or modifications to the equipment to meet the specified performance, up to the cost of the equipment supplied by NEEP. THIS REPRESENTS NEEP'S SOLE OBLIGATION WITH RESPECT TO DAMAGES, WHETHER DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL, RESULTING FROM THE PERFORMANCE OF THE PRODUCT.

OTHER THAN THE OBLIGATIONS OF NEEP EXPRESSLY SET FORTH HEREIN, NEEP DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

STATUTE OF LIMITATION FOR BREACH OF WARRANTY: Any action against NEEP for breach of the warranties set forth herein must be commenced within 15 months of the shipment date of the product.

CHOICE OF LAW: The laws of the State of New Hampshire shall govern the rights and duties of NEEP and the owner with respect to the warranties herein.

OTHER

- All performance calculations are the property of North East Environmental Products, Inc.
- The ShallowTray air stripping process is protected by U. S. Patents # Re: 35,074 (reissue of #5,045,215), #5,240,595, #5,685,976, and other international patents.
- The EconoPump Process is protected by U. S. Patent #5,555,934, and is licensed from SAIC.
- ShallowTray is a registered trademark of North East Environmental Products, Inc.
- NEEP Systems, EconoPump, and ShallowTray Modeler are trademarks of North East Environmental Products, Inc.
- ShallowTray Modeler software is copyright protected by North East Environmental Products, Inc.

Appendix 2

Nassau County Department of Public Works Letter Dated January 4, 2006

THOMAS R. SUOZZI
COUNTY EXECUTIVE

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1194 PROSPECT AVENUE
WESTBURY, NEW YORK 11590-2723

January 4, 2006

CERTIFIED MAIL

Mr. John M. Tegins
ANSON Environmental, Ltd.
771 New York Avenue
Huntington, New York 11743

Re: Industrial Discharge Permit No. 89
Nassau Uniform Services, Freeport, New York

Dear Mr. Tegins:

Enclosed is an Industrial Discharge Permit for your client's company. Please note the conditions and requirements listed on pages two (2) through eight (8) of this permit. Sewer use fees will be invoiced quarterly and monitoring reports shall be submitted to this office monthly. Please notify us upon commencement of the system and discharge.

Thank you for your cooperation. If you have any additional questions, please give me a call at (516) 571-7352.

Very truly yours,

Maurice J. Osman
Chief Chemist
Pretreatment Program Coordinator

MJO:jld
Attach.
c: David Zinn, Nassau Uniform Services
Robert Stewart, NYSDEC, Region I
Louis DiGrazia, Village of Freeport
Richard Cotugno, NCDPW
Peter J. Witkowski, NCDPW

F:\PERNO.82.DOC 1/4/06

Nassau County
Department of Public Works

Industrial Pretreatment Program
Cedar Creek Plant, 3340 Merrick Rd., Wantagh, NY 11793

INDUSTRIAL DISCHARGE PERMIT NO. 89
This Permit Is Not Transferable

Fee: $200

Effective Date: December 15, 2005
Expires: December 14, 2008

Amendment to Sewer Connection Permit
issued by Village of Freeport

Office of the Commissioner

In compliance with the requirements of the Federal Water Pollution Control Act (also known as the Clean Water Act as amended), Nassau County Ordinance No. 266-1985, categorical and local discharge limitations, in accordance with your application (BMR) completed on 11/07/2005 and other conditions set forth herein:

Company: Nassau Uniform Services

IPP ID#: 32100013

Description: Groundwater Remediation System / Commercial Laundry

Classified by SIC Codes: 7218 812331 (NAICS)

Subject to Categorical Pretreatment standards: Y [ ] N [X]

Name of Standards: N/A

Subcategory: N/A

Effective Date of Compliance: Commencement of Discharge

is permitted to discharge wastewater from its facilities located at

525 Ray Street, Freeport, NY 11520

(Section, Block, Lot: (54, 315, 98-107)

into the sewers tributary to the Cedar Creek Water Pollution Control Plant.

The Applicant agrees to:

1. Discharge wastewater only in accordance with the terms and conditions of this Permit and comply with all the requirements and limits of the Nassau County Sewer Use Ordinance and appropriate categorical limitations (the more stringent limit shall apply).

2. Provide complete cooperation to the County, its employees, agents and representatives allowing reasonable access to the plant and pretreatment facilities for all inspections including, but not limited to, measurement and sampling of wastewater.

3. Maintain all records relating to the wastewater discharge flow rate, sampling results and methods of analyses for a minimum of three (3) years.

4. Indemnify and save the County harmless from any loss, damage or expense, claims or suits arising out of or in connection with the sewer installation and related wastewater discharge to the County sewer.

5. Provide the Department of Public Works as far in advance as is reasonably practicable all information relating to any actual or proposed material change in:

a) Volume of discharge (gpd)
b) Processes or chemicals used at the facility
c) Pretreatment facilities
d) Average daily rate of production
e) Content of discharge
f) New sewer connection
g) Expansion or new construction
h) Termination of discharge

6. Submit a "Semi-Annual Compliance Report" twice a year. Forms along with analyses results of industrial wastewater discharge will be furnished to the Applicant by the County and shall be returned within one month from their receipt.

In those instances when the Applicant's facility exceeded its discharge limitations at least twice consecutively during the past six months, a "Schedule of Compliance" must also be submitted.

"Any delay in the submission of Semi-Annual Compliance Reports, Self-Monitoring Reports or any other required reporting in excess of thirty (30) days from the due date shall be deemed a violation of this Permit and the Applicant will be subject to an enforcement action."

7. Pay for <u>each</u> monitoring inspection and sampling procedure following notification of violation of the discharge limitations contained herein. The fee for such inspection and/or procedure shall vary in amount from a minimum of not less than One Hundred Dollars ($100) to a maximum of not more than Five Hundred Dollars ($500) depending upon the continued nature of the violation.

8. Pay a Sewer Use Fee based on the cost of wastewater collection and treatment. The rate is charged per one thousand gallons discharged and may be adjusted annually to reflect any changes in the cost of treatment. The rate for 2005 is $3.43 per one thousand gallons. Billing will be quarterly based on prior meter readings. Sewer use fees will be made payable to the "Nassau County Treasurer", with payments sent to the Nassau County Department of Public Work

9. Operate the treatment facilities in an efficient manner at all times. "Immediate Notification" of a slug load (or extraordinary discharge) is required. The company is required to immediately notify the County at 516-571-7344 or 516-571-7365 (evenings and weekends) if there is any slug discharge to the public sewer system. All of the Applicant's employees, agents and representatives shall be notified of the foregoing emergency notification procedure.

This notice must be followed immediately thereafter with a detailed written report of each such incident including a description of its causes and duration as well as any preventive measures undertaken. Failure to notify DPW about any such incident in the proper manner within five working days will be considered as a violation of this Permit.

This notification shall not relieve the Applicant of any expense, loss, damage or other liability incurred as a result of damage to any person, collection system and/or processes at the POTW.

10. Users who have violated, or continue to violate any provision of this discharge permit, or order hereunder, or any other pretreatment standard or requirement, shall be liable to the County for a maximum civil penalty of not less than $1,000 per violation, per day.

The imposition of a penalty pursuant to the foregoing paragraphs shall result in the probation of this Permit. Accordingly, the Applicant shall immediately cease violation and undertake whatever corrective measures are warranted.

11. In the event the Applicant, its employees, agents or representatives continue to exceed its discharge limitations during the probationary period, or is unwilling to comply with its Schedule of Compliance, the County Attorney will immediately commence appropriate legal action to terminate the Applicant's authorization to dispose of industrial wastewater into the Public Sewer System.

12. The Applicant shall apply for the Discharge Permit reissuance a minimum of sixty (60) days prior to the expiration date of the existing Permit. The terms and conditions of the Permit may be subject to modification by the County during the term of the Permit. The Applicant shall be informed of any proposed changes at least 30 days prior to the effective date of change.

13. Permits are issued to a specific sewer user for a specific operation. A permit shall not be reassigned or transferred or sold to a new owner or new sewer user, or to different premises, or for a new or changed operation without the advance approval of the County.

12. Additional requirements:

The Applicant shall install, operate and maintain in proper working order at all times the following equipment necessary to monitor the industrial wastewater discharged to the Public Sewer:

Testing Chamber required:	Y [X]	N [ ]
Locking Device required:	Y [ ]	N [X]
Flowmeter required:	Y [X]	N [ ]
Self-Monitoring required:	Y [X]	N [ ]

Frequency of Self-Monitoring:

Weekly [ ] Monthly [X] Quarterly [ ] Semiannually [ ]

Parameters to be monitored: **Volatile Organic Compounds (VOC), pH, Chloride,Lead, Flow Rate/Totalized Flow**

Monitoring shall be on a grab sample collected at the end of the regulated process, after pretreatment and prior to mixing with other wastestreams. The permittee is required to submit any effluent monitoring results for analyses performed using the procedures in 40 CFR 136. The results shall be submitted to the County with Semi-Annual Compliance Reports.

In the event that a required monitoring result indicates a non-compliance with applicable local or federal limits, the permittee must notify the County within 24 hours of the receipt of the result and the permittee shall resample as soon as possible, but not later than 30 days, of becoming aware of the excess/violation.

Draft Permit approved by Superintendent of Sewage Plants, Acting Unit Head of Environmental Operations, on behalf of the Nassau County Industrial Pretreatment Program:

Richard Cotugno — December 15, 2005 (Date)

Acknowledged by the Applicant Representative:

Title: President — 12/19/05 (Date)

Final Permit approved by Deputy Commissioner, Nassau County Department of Public Works:

Joseph L. Davenport, P.E. — 12/23/05 (Date)

Attachments to this Permit: 1. Prohibited wastes
2. Discharge limitations (page 8)

Rev. (11/00)

SCHEDULE OF COMPLIANCE

Task	Completion Date

Nassau County Industrial Pretreatment Program Responsibility:

Nassau County DPW representatives will test the industrial wastewater discharged by the Applicant's facility several times per year. The results of these analyses will be mailed to the Applicant on or about January 31 and July 31 of each year and in the case of exceedance of discharge limitations within thirty days.

The County monitoring will be performed at the end of process and will be performed on a grab/composite sample.

The DPW will notify the Applicant of any changes in the applicable pretreatment requirements.

Frequency of County Monitoring: **Semiannually**

Note: If composite sampling is performed by the Applicant, the sample is to be preserved according to relevant parameters until it is picked up. Please feel free to consult with the Cedar Creek Laboratory at (516) 571-7352 or (516) 571-7353 if you have any questions.

Attachment No. 1

PROHIBITED WASTES

No person shall discharge, deposit, cause or allow to be deposited or discharged into the Public Sewer or the POTW any waste which causes or contains, but not necessarily limited to, the following:

1.a EXPLOSIVE WASTES:

Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the POTW or to the operation of the POTW. At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system), be more than five percent (5%) nor any single reading over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter or any material(s) with a closed cup flashpoint of less than 140°F or 63°C. Prohibited materials include, but are not limited to, gasoline, fuel oil, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, sulfides and any other substances which the County, the State or EPA has notified the User is a fire hazard or a hazard to the system.

1.b CORROSIVE WASTES:

Wastes which cause corrosion or deterioration of the equipment of the Treatment Plant or collection system, such as sulfides and concentrated acids. All wastes shall have a pH not less than 5.5 or greater than 9.5.

1.c SOLIDS WHICH MAY CREATE OBSTRUCTIONS:

Solid or viscous substances in amounts which may cause obstruction to the flow in a sewer or other interference or pass-through with the proper operation of the wastewater treatment facilities such as, but not limited to: grease as defined hereinafter, ground or unground garbage, animal carcass wastes, ashes, cinders, sand, lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, bark, wood sawdust, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred and fifty (150) degrees Fahrenheit (0 and 65 degrees C).

1.d EXTREMELY HAZARDOUS WASTES:
Those wastes designated by the USEPA as sufficiently toxic that they shall not be discharged to a sanitary sewer in any concentration.

1.e RADIOACTIVE WASTES:
Radioactive wastes or isotopes of such half life or concentration that they do not comply with regulations or orders issued by the appropriate authority having control over their use and which cause hazards to the personnel operating the sewerage system or POTW.

1.f TOXIC POLLUTANTS:
Any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants, to injure or interfere with any wastewater treatment process, to constitute a hazard to humans or animals, to create a toxic effect in the receiving waters of the POTW, or to exceed the limitation set forth in a Categorical Standard. A toxic pollutant shall include, but not be limited to, any pollutant identified pursuant to Section 307(a) of the Act.

1.g EXECSSIVE DISCOLORATION:
Such as, but not limited to, dye wastes, tanning solutions, etc.

1.h TEMPERATURE:
Any liquid, solid, or vapor having a temperature higher than 150°F (65°C); however, such liquid, solid or vapor shall not cause the temperature of the influent to the sewage treatment plant to be greater than 104°F (40°C).

1.i EXTREME VARIATIONS:
Industrial wastes discharged in a slug of such volume or strength that may cause a hydraulic overload on the collection system, a treatment process upset or loss of POTW efficiency.

1.j UNPOLLUTED WASTES:
Any unpolluted water including, but not limited to, stormwater, surface and groundwater, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process water which will increase the hydraulic load on the POTW.

1.k DILUTION WATER:
No water shall be added for the purpose of diluting wastes which would otherwise exceed applicable maximum concentration limits.

THOMAS R. SUOZZI
COUNTY EXECUTIVE

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1194 PROSPECT AVENUE
WESTBURY, NEW YORK 11590-2723

January 19, 2006

CERTIFIED MAIL

Mr. John M. Tegins
ANSON Environmental, Ltd.
771 New York Avenue
Huntington, New York 11743

Re: Industrial Discharge Permit No.89
Nassau Uniform Services, Freeport, New York

Dear Mr. Tegins:

Pursuant to our conversation last week regarding a possible error in the limit for tetrachloroethylene, noted on page eight (discharge limits) of the permit, a correction has been made. A revised/corrected permit page eight is enclosed.

A review of our file did note that the discharge limit for tetrachloroethylene had been calculated and set for 50 parts per billion (0.05mg/l). This limit was conveyed in previous discussions and stated in our (NCDPW) letter to you, dated September 16,2005, and copied to NYSDEC and Village of Freeport officials.

The error apparently was a typo, not a miscalculation, and an oversight on my part for not noticing it. Thank you for your concern and patience.

Very truly yours

Maurice J Osman
Chief Chemist
Pretreatment Program Coordinator

MJO:eb
Attach.

c: David Zinn, Nassau Uniform Services
Robert Stewart, NYSDEC, Region I
Louis DiGrazia, Village of Freeport
Richard Cotugno, NCPDPW
Peter J. Witkowski, NCDPW

DISCHARGE LIMITATIONS BASED ON CATEGORICAL AND LOCAL LIMITS

	APPLICABLE STANDARD OF MAXIMUM CONCENTRATION OF INDUSTRIAL WASTEWATER DISCHARGE TO THE PUBLIC SEWER		CATEGORICAL STANDARD APPLIED AT THE POINT OF DISCHARGE FROM THE REGULATED OPERATION		MAXIMUM CONCENTRATION OF INDUSTRIAL DISCHARGE TO THE PUBLIC SEWER (NASSAU COUNTY SEWER ORDINANCE)
PARAMETERS	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l
Oil/Grease (O/G)					100
pH – maximum	9.5	9.5			9.5
pH – minimum	5.5	5.5			5.5
Antimony (Sb)					0.18
Arsenic (As)					0.1
Barium (Ba)					2.0
Cadmium (Cd)					0.2
Chromium-total(CR,T)					2.0
Chromium-hex (Cr^{+6})					0.1
Copper (Cu)					2.0
Cyanide (Cn, Total)					1.0
Fluoride (F^-)					10.0
Iron (Fe)					4.0
Lead (Pb)	0.1				0.1
Manganese (Mn)					2.0
Mercury (Hg)					0.1
Nickel (Ni)					2.0
Selenium (Se)					0.1
Silver (Ag)					0.1
Zinc (Zn)					5.0
Flow	30 GPM (43200 GPD)				
Tetrachloroethylene	0.05				
Total VOC	1.0				
Trichloroethylene	0.010				

Note: 1. The term "VOC" shall mean the sum of the concentrations for Halogenated and Aromatic compounds regulated for the industry found in the discharge of your facility at a concentration greater than 0.01 mg/l. (10 ppb)

2. The most stringent (local limit or categorical standard) limit is considered the applicable discharge standard and shall be applied at the point of discharge.

Appendix 3

Laboratory Analytical Reports for Pumping Well Samples Collected on 3/22/2005

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.03 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1330
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/25/05	1	EPA8260
Bromomethane	ug/L	< 1		03/25/05	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/25/05	1	EPA8260
Chloroethane	ug/L	< 1		03/25/05	1	EPA8260
Methylene Chloride	ug/L	< 1		03/25/05	1	EPA8260
Acetone	ug/L	< 10		03/25/05	10	EPA8260
Carbon disulfide	ug/L	< 1		03/25/05	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/25/05	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloroethene	ug/L	10		03/25/05	2	EPA8260
Chloroform	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/25/05	1	EPA8260
2-Butanone	ug/L	< 10		03/25/05	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/25/05	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/25/05	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/25/05	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/25/05	1	EPA8260
Trichloroethene	ug/L	57		03/25/05	1	EPA8260
Chlorodibromomethane	ug/L	< 1		03/25/05	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/25/05	1	EPA8260
Benzene	ug/L	< 1		03/25/05	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/25/05	1	EPA8260
Bromoform	ug/L	< 1		03/25/05	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/25/05	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6120 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.03 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1330
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		03/25/05	10	EPA8260
Tetrachloroethene	ug/L	370		03/28/05	10	EPA8260
Toluene	ug/L	< 1		03/25/05	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/25/05	1	EPA8260
Chlorobenzene	ug/L	< 1		03/25/05	1	EPA8260
Ethyl Benzene	ug/L	< 1		03/25/05	1	EPA8260
Styrene	ug/L	< 1		03/25/05	1	EPA8260
o Xylene	ug/L	< 1		03/25/05	1	EPA8260
m + p Xylene	ug/L	< 2		03/25/05	2	EPA8260
Xylene	ug/L	< 3		03/25/05	3	EPA8260

MS Library Search (Vol)

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR_____

rn = 6121 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.03 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1330
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		03/28/05	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
Carbazole	ug/L	< 1		03/28/05	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		03/28/05	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		03/28/05	1	EPA8270
Hexachloroethane	ug/L	< 1		03/28/05	1	EPA8270
Nitrobenzene	ug/L	< 1		03/28/05	1	EPA8270
Isophorone	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		03/28/05	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		03/28/05	1	EPA8270
Naphthalene(sv)	ug/L	< 1		03/28/05	1	EPA8270
4-Chloroaniline	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		03/28/05	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		03/28/05	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		03/28/05	1	EPA8270
2-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Acenaphthylene	ug/L	< 1		03/28/05	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		03/28/05	1	EPA8270
3-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
Acenaphthene	ug/L	< 1		03/28/05	1	EPA8270
Dibenzofuran	ug/L	< 1		03/28/05	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6122 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.03 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1330
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		03/28/05	1	EPA8270
Diethyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		03/28/05	1	EPA8270
Fluorene	ug/L	< 1		03/28/05	1	EPA8270
4-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		03/28/05	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorobenzene	ug/L	< 1		03/28/05	1	EPA8270
Phenanthrene	ug/L	< 1		03/28/05	1	EPA8270
Anthracene	ug/L	< 1		03/28/05	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Pyrene	ug/L	< 1		03/28/05	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		03/28/05	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		03/28/05	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		03/28/05	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6123 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.03 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1330
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		03/28/05	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		03/28/05	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		03/28/05	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		03/28/05	1	EPA8270
MS Library Search (BN)						

cc:

LRL=Laboratory Reporting Limit

REMARKS: Library Search is attached.

DIRECTOR

rn = 6124 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.250940.03 03/31/05

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771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1330

MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.11		03/24/05	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Arsenic as As	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Barium as Ba	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		03/24/05	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Calcium as Ca	mg/L	2.8		03/24/05	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Iron as Fe	mg/L	2.3		03/24/05	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Magnesium as Mg	mg/L	0.62		03/24/05	0.005	EPA200.7
Manganese as Mn	mg/L	0.04		03/24/05	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.001		03/25/05	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Potassium as K	mg/L	< 1		03/24/05	1	EPA200.7
Selenium as Se	mg/L	< 0.004		03/30/05	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Sodium as Na	mg/L	< 1		03/24/05	1	EPA200.7
Thallium as Tl	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Vanadium as V	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		03/24/05	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6125 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.02 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1220
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/25/05	1	EPA8260
Bromomethane	ug/L	< 1		03/25/05	1	EPA8260
Vinyl Chloride	ug/L	30		03/25/05	1	EPA8260
Chloroethane	ug/L	< 1		03/25/05	1	EPA8260
Methylene Chloride	ug/L	< 1		03/25/05	1	EPA8260
Acetone	ug/L	22		03/25/05	10	EPA8260
Carbon disulfide	ug/L	< 1		03/25/05	1	EPA8260
1,1 Dichloroethene	ug/L	2		03/25/05	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloroethene	ug/L	1600		03/25/05	100	EPA8260
Chloroform	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/25/05	1	EPA8260
2-Butanone	ug/L	< 10		03/25/05	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/25/05	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/25/05	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/25/05	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/25/05	1	EPA8260
Trichloroethene	ug/L	3300		03/25/05	50	EPA8260
Chlorodibromomethane	ug/L	< 1		03/25/05	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/25/05	1	EPA8260
Benzene	ug/L	< 1		03/25/05	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/25/05	1	EPA8260
Bromoform	ug/L	< 1		03/25/05	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/25/05	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6114 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.02 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1220
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		03/25/05	10	EPA8260
Tetrachloroethene	ug/L	9400		03/25/05	200	EPA8260
Toluene	ug/L	< 1		03/25/05	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/25/05	1	EPA8260
Chlorobenzene	ug/L	< 1		03/25/05	1	EPA8260
Ethyl Benzene	ug/L	< 1		03/25/05	1	EPA8260
Styrene	ug/L	< 1		03/25/05	1	EPA8260
o Xylene	ug/L	< 1		03/25/05	1	EPA8260
m + p Xylene	ug/L	< 2		03/25/05	2	EPA8260
Xylene	ug/L	< 3		03/25/05	3	EPA8260

MS Library Search (Vol)

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6115 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.250940.02 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1220
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		03/28/05	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
Carbazole	ug/L	< 1		03/28/05	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		03/28/05	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		03/28/05	1	EPA8270
Hexachloroethane	ug/L	< 1		03/28/05	1	EPA8270
Nitrobenzene	ug/L	< 1		03/28/05	1	EPA8270
Isophorone	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		03/28/05	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		03/28/05	1	EPA8270
Naphthalene(sv)	ug/L	< 1		03/28/05	1	EPA8270
4-Chloroaniline	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		03/28/05	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		03/28/05	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		03/28/05	1	EPA8270
2-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Acenaphthylene	ug/L	< 1		03/28/05	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		03/28/05	1	EPA8270
3-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
Acenaphthene	ug/L	< 1		03/28/05	1	EPA8270
Dibenzofuran	ug/L	1		03/28/05	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6116 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.02 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1220

MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		03/28/05	1	EPA8270
Diethyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		03/28/05	1	EPA8270
Fluorene	ug/L	< 1		03/28/05	1	EPA8270
4-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		03/28/05	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorobenzene	ug/L	< 1		03/28/05	1	EPA8270
Phenanthrene	ug/L	< 1		03/28/05	1	EPA8270
Anthracene	ug/L	< 1		03/28/05	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Pyrene	ug/L	< 1		03/28/05	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		03/28/05	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		03/28/05	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		03/28/05	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6117 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1220
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		03/28/05	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		03/28/05	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		03/28/05	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		03/28/05	1	EPA8270
MS Library Search (BN)						

cc:

LRL=Laboratory Reporting Limit

REMARKS: Library Search is attached.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.02 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1220
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	1.1		03/24/05	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Arsenic as As	mg/L	0.018		03/24/05	0.005	EPA200.7
Barium as Ba	mg/L	0.032		03/24/05	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		03/24/05	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Calcium as Ca	mg/L	25		03/24/05	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Iron as Fe	mg/L	5.8		03/24/05	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Magnesium as Mg	mg/L	7.1		03/24/05	0.005	EPA200.7
Manganese as Mn	mg/L	0.06		03/24/05	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.001		03/25/05	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Potassium as K	mg/L	5.9		03/24/05	1	EPA200.7
Selenium as Se	mg/L	< 0.004		03/30/05	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Sodium as Na	mg/L	61		03/24/05	1	EPA200.7
Thallium as Tl	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Vanadium as V	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Zinc as Zn	mg/L	0.02		03/24/05	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6119 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.04 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1440

MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		03/25/05	1	EPA8260
Bromomethane	ug/L	< 1		03/25/05	1	EPA8260
Vinyl Chloride	ug/L	13		03/25/05	1	EPA8260
Chloroethane	ug/L	< 1		03/25/05	1	EPA8260
Methylene Chloride	ug/L	< 1		03/25/05	1	EPA8260
Acetone	ug/L	< 10		03/25/05	10	EPA8260
Carbon disulfide	ug/L	< 1		03/25/05	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/25/05	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloroethene	ug/L	170		03/25/05	200	EPA8260
Chloroform	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/25/05	1	EPA8260
2-Butanone	ug/L	< 10		03/25/05	10	EPA8260
111 Trichloroethane	ug/L	< 1		03/25/05	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/25/05	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/25/05	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/25/05	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/25/05	1	EPA8260
Trichloroethene	ug/L	140		03/25/05	100	EPA8260
Chlorodibromomethane	ug/L	< 1		03/25/05	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/25/05	1	EPA8260
Benzene	ug/L	< 1		03/25/05	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		03/25/05	1	EPA8260
Bromoform	ug/L	< 1		03/25/05	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		03/25/05	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6126 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.04 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1440
MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		03/25/05	10	EPA8260
Tetrachloroethene	ug/L	2600		03/25/05	100	EPA8260
Toluene	ug/L	< 1		03/25/05	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/25/05	1	EPA8260
Chlorobenzene	ug/L	< 1		03/25/05	1	EPA8260
Ethyl Benzene	ug/L	< 1		03/25/05	1	EPA8260
Styrene	ug/L	< 1		03/25/05	1	EPA8260
o Xylene	ug/L	< 1		03/25/05	1	EPA8260
m + p Xylene	ug/L	< 2		03/25/05	2	EPA8260
Xylene	ug/L	< 3		03/25/05	3	EPA8260

MS Library Search (Vol)

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6127 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.04 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1440

MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		03/28/05	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
Carbazole	ug/L	< 1		03/28/05	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		03/28/05	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		03/28/05	1	EPA8270
Hexachloroethane	ug/L	< 1		03/28/05	1	EPA8270
Nitrobenzene	ug/L	< 1		03/28/05	1	EPA8270
Isophorone	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		03/28/05	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		03/28/05	1	EPA8270
Naphthalene(sv)	ug/L	< 1		03/28/05	1	EPA8270
4-Chloroaniline	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		03/28/05	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		03/28/05	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		03/28/05	1	EPA8270
2-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Acenaphthylene	ug/L	< 1		03/28/05	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		03/28/05	1	EPA8270
3-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
Acenaphthene	ug/L	< 1		03/28/05	1	EPA8270
Dibenzofuran	ug/L	< 1		03/28/05	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6128 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.04 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1440
MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		03/28/05	1	EPA8270
Diethyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		03/28/05	1	EPA8270
Fluorene	ug/L	< 1		03/28/05	1	EPA8270
4-Nitroaniline	ug/L	< 1		03/28/05	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		03/28/05	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		03/28/05	1	EPA8270
Hexachlorobenzene	ug/L	< 1		03/28/05	1	EPA8270
Phenanthrene	ug/L	< 1		03/28/05	1	EPA8270
Anthracene	ug/L	< 1		03/28/05	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Pyrene	ug/L	< 1		03/28/05	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		03/28/05	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		03/28/05	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		03/28/05	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6129 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.04 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1440
MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		03/28/05	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	< 1		03/28/05	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		03/28/05	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		03/28/05	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		03/28/05	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		03/28/05	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		03/28/05	1	EPA8270
MS Library Search (BN)						

cc:

LRL=Laboratory Reporting Limit

REMARKS: Library Search is attached.

DIRECTOR

rn = 6130 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.250940.04 03/31/05

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/22/05 RECEIVED:03/22/05
TIME COL'D:1440

MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Arsenic as As	mg/L	0.014		03/24/05	0.005	EPA200.7
Barium as Ba	mg/L	0.024		03/24/05	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		03/24/05	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Calcium as Ca	mg/L	19		03/24/05	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Iron as Fe	mg/L	4.8		03/24/05	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Magnesium as Mg	mg/L	3.7		03/24/05	0.005	EPA200.7
Manganese as Mn	mg/L	0.09		03/24/05	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.001		03/25/05	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Potassium as K	mg/L	3.2		03/24/05	1	EPA200.7
Selenium as Se	mg/L	< 0.004		03/30/05	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Sodium as Na	mg/L	38		03/24/05	1	EPA200.7
Thallium as Tl	mg/L	< 0.01		03/24/05	0.01	EPA200.7
Vanadium as V	mg/L	< 0.005		03/24/05	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		03/24/05	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6131 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
77 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECO

03/22/05

Client: ANSON ENVIRONMENTAL LTD.
Address: 771 NEW YORK AVENUE
HUNTINGTON, NY 11743
Phone: 631.351.3555 FAX: 631.351.3615
Person receiving report: JOHN TEGNS
Sampled by: JOHN TEGNS
Source: NASSAU UNIFORM SERVICES
Job No.: 03023-2

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	40ml GLASS VOA VIALS	ml PLASTIC METALS	1 LITER GLASS SVOCs	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
WATER	3/22	1010	NUS - PW # 4	4	2	1	1			ACCORDING TO TARGET COMPOUND LIST: TENTATIVELY ID COMPOUNDS (TIC) FOR VOCs AND SVOCs (10 TICS FOR VOCs AND 20 TICS FOR SVOCs. USE EPA METHOD 8260 & 8270 FROM TARGET COMPOUND LIST (TCL). FOR SVOCs ONLY DO THE BASE/NUETRALS ON THE TCL. FOR METALS DO THE 23 METALS ON THE TARGET ANALYTE LIST (TAL)
WATER	3/22	1220	NUS - PW # 2	4	2	1	1			
WATER	3/22	1330	NUS - PW # 1	4	2	1	1			
WATER	3/22	1440	NUS - PW # 3	4	2	1	1			
WATER	3/22		TRIP BLANK	2	2					
				X						
						8260				

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
John Tegnos Representing: ANSON	3/22/05 1550	YES NO (NA)	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

3/22/05

Appendix 4

Laboratory Analytical Reports for P&T Discharge Samples Collected in 2006

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260778.00 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/06 RECEIVED:03/06/06
TIME COL'D:0830
MATRIX:Water SAMPLE: P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		03/09/06	1	EPA8260
Chloromethane	ug/L	< 1		03/09/06	1	EPA8260
Vinyl Chloride	ug/L	< 1		03/09/06	1	EPA8260
Bromomethane	ug/L	< 1		03/09/06	1	EPA8260
Chloroethane	ug/L	< 1		03/09/06	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		03/09/06	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		03/09/06	1	EPA8260
Methylene Chloride	ug/L	< 1		03/09/06	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		03/09/06	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		03/09/06	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		03/09/06	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		03/09/06	1	EPA8260
Bromochloromethane	ug/L	< 1		03/09/06	1	EPA8260
Chloroform	ug/L	< 1		03/09/06	1	EPA8260
111 Trichloroethane	ug/L	< 1		03/09/06	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		03/09/06	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		03/09/06	1	EPA8260
Benzene	ug/L	< 1		03/09/06	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		03/09/06	1	EPA8260
Trichloroethene	ug/L	< 1		03/09/06	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		03/09/06	1	EPA8260
Dibromomethane	ug/L	< 1		03/09/06	1	EPA8260
Bromodichloromethane	ug/L	< 1		03/09/06	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		03/09/06	1	EPA8260
Toluene	ug/L	< 1		03/09/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 5959 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260778.00 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/06 RECEIVED:03/06/06
TIME COL'D:0830
MATRIX:Water SAMPLE: P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
t-1,3Dichloropropene	ug/L	< 1		03/09/06	1	EPA8260
112 Trichloroethane	ug/L	< 1		03/09/06	1	EPA8260
Tetrachloroethene	ug/L	< 1		03/09/06	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		03/09/06	1	EPA8260
Chlorodibromomethane	ug/L	< 1		03/09/06	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		03/09/06	1	EPA8260
Chlorobenzene	ug/L	< 1		03/09/06	1	EPA8260
Ethyl Benzene	ug/L	< 1		03/09/06	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		03/09/06	1	EPA8260
m + p Xylene	ug/L	< 2		03/09/06	2	EPA8260
o Xylene	ug/L	< 1		03/09/06	1	EPA8260
Styrene	ug/L	< 1		03/09/06	1	EPA8260
Bromoform	ug/L	< 1		03/09/06	1	EPA8260
Isopropylbenzene	ug/L	< 1		03/09/06	1	EPA8260
Bromobenzene	ug/L	< 1		03/09/06	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		03/09/06	1	EPA8260
123-Trichloropropane	ug/L	< 1		03/09/06	1	EPA8260
n-Propylbenzene	ug/L	< 1		03/09/06	1	EPA8260
2-Chlorotoluene	ug/L	< 1		03/09/06	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		03/09/06	1	EPA8260
4-Chlorotoluene	ug/L	< 1		03/09/06	1	EPA8260
tert-Butylbenzene	ug/L	< 1		03/09/06	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		03/09/06	1	EPA8260
sec-Butylbenzene	ug/L	< 1		03/09/06	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		03/09/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 5960 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260778.00 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/06 RECEIVED:03/06/06
TIME COL'D:0830
MATRIX:Water SAMPLE: P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		03/09/06	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		03/09/06	1	EPA8260
n-Butylbenzene	ug/L	< 1		03/09/06	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		03/09/06	1	EPA8260
Dibromochloropropane	ug/L	< 1		03/09/06	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		03/09/06	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		03/09/06	1	EPA8260
Naphthalene(v)	ug/L	< 1		03/09/06	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		03/09/06	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		03/09/06	1	EPA8260
p-Ethyltoluene	ug/L	< 1		03/09/06	1	EPA8260
Freon 113	ug/L	< 1		03/09/06	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		03/09/06	1	EPA8260
Acetone	ug/L	< 10		03/09/06	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		03/09/06	10	EPA8260
Methylisobutylketone	ug/L	< 10		03/09/06	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		03/09/06	1	EPA8260
p Diethylbenzene	ug/L	< 1		03/09/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260778.00 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/06/06 RECEIVED:03/06/06
TIME COL'D:0830
MATRIX:Water SAMPLE: P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Antimony as Sb	mg/L	< 0.005		03/13/06	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		03/13/06	0.005	EPA200.7
Barium as Ba	mg/L	0.043		03/13/06	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.005		03/13/06	0.005	EPA200.7
Chromium as Cr	mg/L	< 0.005		03/13/06	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		03/13/06	0.01	EPA200.7
Lead as Pb	mg/L	0.006		03/13/06	0.005	EPA200.7
Mercury as Hg	mg/L	< 0.00025		03/15/06	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		03/13/06	0.01	EPA200.7
Selenium as Se	mg/L	< 0.004		03/09/06	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		03/13/06	0.005	EPA200.7
Iron as Fe	mg/L	0.39		03/13/06	0.01	EPA200.7
Zinc as Zn	mg/L	< 0.01		03/13/06	0.01	EPA200.7
Manganese as Mn	mg/L	0.03		03/13/06	0.01	EPA200.7
Oil and Grease	mg/L	< 5		03/10/06	5	EPA413.1
pH (lab) units		7.6		03/06/06	0.1	EPA150.1
Chromium hex as Cr	mg/L	< 0.02		03/07/06	0.02	EPA7196A
Cyanide as CN	mg/L	< 0.02		03/13/06	0.0004	EPA335.3
Fluoride as F	mg/L	< 0.2		03/14/06	0.2	SM184500FC
Chloride as Cl	mg/L	310		03/13/06	10	SM184500C1

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 5962 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING 03/06/06

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

Client: AJSON ENVIRONMENTAL LTD
Address: 771 NEW YORK AVE
HUNTINGTON NY 11743
Phone: 631-351-3355 FAX: 631-351-3615
Person receiving report: JOHN TEGINS
Sampled by: JOHN TEGINS
Source: NASSAU UNIFORM SERVICES
Job No.: 03023-2

e-MAIL PRELIMINARY REPORT TO: JTEGINS@OPTONLINE.N

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	40ml VOA VIALS	OIL & GREASE	8 OZ. METALS	CYANIDE	16 OZ-NO PRESERVATIVE						QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
				TYPE & NUMBER OF CONTAINERS													
WATER	03/06/06	0830	P&T DISCHARGE	6	2	1	1	1	1								SEE ATTACHED PERMIT # 89 PLUS CHLORIDE

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: AJSON	3/6/06 14:40	YES NO NA	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

03/06/06

DISCHARGE LIMITATIONS BASED ON CATEGORICAL AND LOCAL LIMITS

	APPLICABLE STANDARD OF MAXIMUM CONCENTRATION OF INDUSTRIAL WASTEWATER DISCHARGE TO THE PUBLIC SEWER		CATEGORICAL STANDARD APPLIED AT THE POINT OF DISCHARGE FROM THE REGULATED OPERATION		MAXIMUM CONCENTRATION OF INDUSTRIAL DISCHARGE TO THE PUBLIC SEWER (NASSAU COUNTY SEWER ORDINANCE)
PARAMETERS	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l
Oil/Grease (O/G)					100
pH – maximum	9.5	9.5			9.5
pH – minimum	5.5	5.5			5.5
Antimony (Sb)					0.18
Arsenic (As)					0.1
Barium (Ba)					2.0
Cadmium (Cd)					0.2
Chromium-total(CR,T)					2.0
Chromium-hex (Cr^{+6})					0.1
Copper (Cu)					2.0
Cyanide (Cn, Total)					1.0
Fluoride (F^-)					10.0
Iron (Fe)					4.0
Lead (Pb)	0.1				0.1
Manganese (Mn)					2.0
Mercury (Hg)					0.1
Nickel (Ni)					2.0
Selenium (Se)					0.1
Silver (Ag)					0.1
Zinc (Zn)					5.0
Flow	30 GPM (43200 GPD)				
Tetrachloroethylene	0.05				
Total VOC	1.0				
Trichloroethylene	0.010				

Note: 1. The term "VOC" shall mean the sum of the concentrations for Halogenated and Aromatic compounds regulated for the industry found in the discharge of your facility at a concentration greater than 0.01 mg/l. (10 ppb)
2. The most stringent (local limit or categorical standard) limit is considered the applicable discharge standard and shall be applied at the point of discharge.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261201.00 04/13/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/06 RECEIVED:04/04/06
TIME COL'D:1245
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		04/11/06	1	EPA8260
Chloromethane	ug/L	< 1		04/11/06	1	EPA8260
Vinyl Chloride	ug/L	< 1		04/11/06	1	EPA8260
Bromomethane	ug/L	< 1		04/11/06	1	EPA8260
Chloroethane	ug/L	< 1		04/11/06	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		04/11/06	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		04/11/06	1	EPA8260
Methylene Chloride	ug/L	< 1		04/11/06	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		04/11/06	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		04/11/06	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		04/11/06	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		04/11/06	1	EPA8260
Bromochloromethane	ug/L	< 1		04/11/06	1	EPA8260
Chloroform	ug/L	< 1		04/11/06	1	EPA8260
111 Trichloroethane	ug/L	< 1		04/11/06	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		04/11/06	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		04/11/06	1	EPA8260
Benzene	ug/L	< 1		04/11/06	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		04/11/06	1	EPA8260
Trichloroethene	ug/L	< 1		04/11/06	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		04/11/06	1	EPA8260
Dibromomethane	ug/L	< 1		04/11/06	1	EPA8260
Bromodichloromethane	ug/L	< 1		04/11/06	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		04/11/06	1	EPA8260
Toluene	ug/L	< 1		04/11/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8368 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261201.00 04/13/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/06 RECEIVED:04/04/06
TIME COL'D:1245
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
t-1,3Dichloropropene	ug/L	< 1		04/11/06	1	EPA8260
112 Trichloroethane	ug/L	< 1		04/11/06	1	EPA8260
Tetrachloroethene	ug/L	< 1		04/11/06	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		04/11/06	1	EPA8260
Chlorodibromomethane	ug/L	< 1		04/11/06	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		04/11/06	1	EPA8260
Chlorobenzene	ug/L	< 1		04/11/06	1	EPA8260
Ethyl Benzene	ug/L	< 1		04/11/06	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		04/11/06	1	EPA8260
m + p Xylene	ug/L	< 2		04/11/06	2	EPA8260
o Xylene	ug/L	< 1		04/11/06	1	EPA8260
Styrene	ug/L	< 1		04/11/06	1	EPA8260
Bromoform	ug/L	< 1		04/11/06	1	EPA8260
Isopropylbenzene	ug/L	< 1		04/11/06	1	EPA8260
Bromobenzene	ug/L	< 1		04/11/06	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		04/11/06	1	EPA8260
123-Trichloropropane	ug/L	< 1		04/11/06	1	EPA8260
n-Propylbenzene	ug/L	< 1		04/11/06	1	EPA8260
2-Chlorotoluene	ug/L	< 1		04/11/06	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		04/11/06	1	EPA8260
4-Chlorotoluene	ug/L	< 1		04/11/06	1	EPA8260
tert-Butylbenzene	ug/L	< 1		04/11/06	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		04/11/06	1	EPA8260
sec-Butylbenzene	ug/L	< 1		04/11/06	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		04/11/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261201.00 04/13/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/06 RECEIVED:04/04/06
TIME COL'D:1245
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		04/11/06	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		04/11/06	1	EPA8260
n-Butylbenzene	ug/L	< 1		04/11/06	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		04/11/06	1	EPA8260
Dibromochloropropane	ug/L	< 1		04/11/06	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		04/11/06	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		04/11/06	1	EPA8260
Naphthalene(v)	ug/L	< 1		04/11/06	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		04/11/06	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		04/11/06	1	EPA8260
p-Ethyltoluene	ug/L	< 1		04/11/06	1	EPA8260
Freon 113	ug/L	< 1		04/11/06	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		04/11/06	1	EPA8260
Acetone	ug/L	< 10		04/11/06	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		04/11/06	10	EPA8260
Methylisobutylketone	ug/L	< 10		04/11/06	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		04/11/06	1	EPA8260
p Diethylbenzene	ug/L	< 1		04/11/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8370 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261201.00 04/13/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/04/06 RECEIVED:04/04/06
TIME COL'D:1245
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Antimony as Sb	mg/L	< 0.005		04/10/06	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		04/10/06	0.005	EPA200.7
Barium as Ba	mg/L	0.023		04/10/06	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.005		04/10/06	0.005	EPA200.7
Chromium as Cr	mg/L	< 0.005		04/10/06	0.005	EPA200.7
Copper as Cu	mg/L	0.02		04/10/06	0.01	EPA200.7
Lead as Pb	mg/L	0.014		04/10/06	0.005	EPA200.7
Mercury as Hg	mg/L	< 0.00025		04/06/06	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		04/10/06	0.01	EPA200.7
Selenium as Se	mg/L	< 0.004		04/12/06	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		04/10/06	0.005	EPA200.7
Iron as Fe	mg/L	0.66		04/10/06	0.01	EPA200.7
Zinc as Zn	mg/L	0.02		04/10/06	0.01	EPA200.7
Manganese as Mn	mg/L	0.02		04/10/06	0.01	EPA200.7
Oil and Grease	mg/L	< 5		04/05/06	5	EPA413.1
pH (lab) units		7.5		04/04/06	0.1	EPA150.1
Chromium hex as Cr	mg/L	< 0.02		04/05/06	0.02	EPA7196A
Cyanide as CN	mg/L	< 0.02		04/11/06	0.02	EPA335.3
Fluoride as F	mg/L	< 0.2		04/06/06	0.2	SM184500F
Chloride as Cl	mg/L	54		04/07/06	2	SM184500C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8371 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. • ENVIRONMENTAL TESTING 04/04/06

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

Client: ANSON ENVIRONMENTAL LTD.
Address: 771 NEW YORK AVE.
HUNTINGTON, NY 11743
Phone: 631-351-3555 FAX: 631-351-3615
Person receiving report: JOHN TEGNIS
Sampled by: JOHN TEGNIS
Source: ANSON UNIFORM SERVICES
Job No.: 03003-2

E-MAIL PRELIMINARIES TO JTEGNIS@OPTONLINE.NET

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: 40 ml VOA VIALS	QT. 1 LITER AMBERS	8 OZ. PLASTICS	CYANIDE	16 OZ. - NO PRESERVATIVE	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
												SEE ATTACHED
WATER	04/04/06	12:00	NJPDES DISCHARGE	6	2	1	1	1	1			PERMIT # 89
												PLUS
												CHLORIDE

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: ANSON	04/04/06 1516	YES NO (NA)	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

DISCHARGE LIMITATIONS BASED ON CATEGORICAL AND LOCAL LIMITS

	APPLICABLE STANDARD OF MAXIMUM CONCENTRATION OF INDUSTRIAL WASTEWATER DISCHARGE TO THE PUBLIC SEWER		CATEGORICAL STANDARD APPLIED AT THE POINT OF DISCHARGE FROM THE REGULATED OPERATION		MAXIMUM CONCENTRATION OF INDUSTRIAL DISCHARGE TO THE PUBLIC SEWER (NASSAU COUNTY SEWER ORDINANCE)
PARAMETERS	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l
Oil/Grease (O/G)					100
pH – maximum	9.5	9.5			9.5
pH – minimum	5.5	5.5			5.5
Antimony (Sb)					0.18
Arsenic (As)					0.1
Barium (Ba)					2.0
Cadmium (Cd)					0.2
Chromium-total(CR,T)					2.0
Chromium-hex (Cr^{+6})					0.1
Copper (Cu)					2.0
Cyanide (Cn, Total)					1.0
Fluoride (F^-)					10.0
Iron (Fe)					4.0
Lead (Pb)	0.1				0.1
Manganese (Mn)					2.0
Mercury (Hg)					0.1
Nickel (Ni)					2.0
Selenium (Se)					0.1
Silver (Ag)					0.1
Zinc (Zn)					5.0
Flow	30 GPM (43200 GPD)				
Tetrachloroethylene	0.05				
Total VOC	1.0				
Trichloroethylene	0.010				

Note: 1. The term "VOC" shall mean the sum of the concentrations for Halogenated and Aromatic compounds regulated for the industry found in the discharge of your facility at a concentration greater than 0.01 mg/l. (10 ppb)
2. The most stringent (local limit or categorical standard) limit is considered the applicable discharge standard and shall be applied at the point of discharge.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261752.00 05/18/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/08/06 RECEIVED:05/08/06
TIME COL'D:1230
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Dichlordifluoromethane	ug/L	< 1		05/08/06	1	EPA8260
Chloromethane	ug/L	< 1		05/08/06	1	EPA8260
Vinyl Chloride	ug/L	< 1		05/08/06	1	EPA8260
Bromomethane	ug/L	< 1		05/08/06	1	EPA8260
Chloroethane	ug/L	< 1		05/08/06	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		05/08/06	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		05/08/06	1	EPA8260
Methylene Chloride	ug/L	< 1		05/08/06	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		05/08/06	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		05/08/06	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		05/08/06	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		05/08/06	1	EPA8260
Bromochloromethane	ug/L	< 1		05/08/06	1	EPA8260
Chloroform	ug/L	< 1		05/08/06	1	EPA8260
111 Trichloroethane	ug/L	< 1		05/08/06	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		05/08/06	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		05/08/06	1	EPA8260
Benzene	ug/L	< 1		05/08/06	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		05/08/06	1	EPA8260
Trichloroethene	ug/L	< 1		05/08/06	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		05/08/06	1	EPA8260
Dibromomethane	ug/L	< 1		05/08/06	1	EPA8260
Bromodichloromethane	ug/L	< 1		05/08/06	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		05/08/06	1	EPA8260
Toluene	ug/L	< 1		05/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 12966 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261752.00 05/18/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/08/06 RECEIVED:05/08/06
TIME COL'D:1230
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
t-1,3Dichloropropene	ug/L	< 1		05/08/06	1	EPA8260
112 Trichloroethane	ug/L	< 1		05/08/06	1	EPA8260
Tetrachloroethene	ug/L	< 1		05/08/06	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		05/08/06	1	EPA8260
Chlorodibromomethane	ug/L	< 1		05/08/06	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		05/08/06	1	EPA8260
Chlorobenzene	ug/L	< 1		05/08/06	1	EPA8260
Ethyl Benzene	ug/L	< 1		05/08/06	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		05/08/06	1	EPA8260
m + p Xylene	ug/L	< 2		05/08/06	2	EPA8260
o Xylene	ug/L	< 1		05/08/06	1	EPA8260
Styrene	ug/L	< 1		05/08/06	1	EPA8260
Bromoform	ug/L	< 1		05/08/06	1	EPA8260
Isopropylbenzene	ug/L	< 1		05/08/06	1	EPA8260
Bromobenzene	ug/L	< 1		05/08/06	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		05/08/06	1	EPA8260
123-Trichloropropane	ug/L	< 1		05/08/06	1	EPA8260
n-Propylbenzene	ug/L	< 1		05/08/06	1	EPA8260
2-Chlorotoluene	ug/L	< 1		05/08/06	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		05/08/06	1	EPA8260
4-Chlorotoluene	ug/L	< 1		05/08/06	1	EPA8260
tert-Butylbenzene	ug/L	< 1		05/08/06	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		05/08/06	1	EPA8260
sec-Butylbenzene	ug/L	< 1		05/08/06	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		05/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 12967 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261752.00 05/18/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/08/06 RECEIVED:05/08/06
TIME COL'D:1230
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
n-Butylbenzene	ug/L	< 1		05/08/06	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
Dibromochloropropane	ug/L	< 1		05/08/06	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		05/08/06	1	EPA8260
Naphthalene(v)	ug/L	< 1		05/08/06	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		05/08/06	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		05/08/06	1	EPA8260
p-Ethyltoluene	ug/L	< 1		05/08/06	1	EPA8260
Freon 113	ug/L	< 1		05/08/06	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		05/08/06	1	EPA8260
Acetone	ug/L	< 10		05/08/06	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		05/08/06	10	EPA8260
Methylisobutylketone	ug/L	< 10		05/08/06	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		05/08/06	1	EPA8260
p Diethylbenzene	ug/L	< 1		05/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/08/06 RECEIVED:05/08/06
TIME COL'D:1230
MATRIX:Water SAMPLE: NUS P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Antimony as Sb	mg/L	< 0.005		05/11/06	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		05/11/06	0.005	EPA200.7
Barium as Ba	mg/L	0.023		05/11/06	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.005		05/11/06	0.005	EPA200.7
Chromium as Cr	mg/L	< 0.005		05/11/06	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		05/11/06	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		05/11/06	0.005	EPA200.7
Mercury as Hg	mg/L	< 0.00025		05/10/06	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		05/11/06	0.01	EPA200.7
Selenium as Se	mg/L	< 0.004		05/17/06	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		05/11/06	0.005	EPA200.7
Iron as Fe	mg/L	0.35		05/11/06	0.01	EPA200.7
Zinc as Zn	mg/L	0.01		05/11/06	0.01	EPA200.7
Manganese as Mn	mg/L	0.03		05/11/06	0.01	EPA200.7
Oil and Grease	mg/L	< 5		05/12/06	5	EPA413.1
pH (lab) units		7.7		05/08/06	0.1	EPA150.1
Chromium hex as Cr	mg/L	< 0.02		05/09/06	0.02	SM183500C
Cyanide as CN	mg/L	< 0.02		05/11/06	0.02	EPA353.3
Fluoride as F	mg/L	< 0.2		05/15/06	0.2	
Chloride as Cl	mg/L	220		05/09/06	10	SM204500C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 12969 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

05/08/06

CHAIN OF CUSTODY RECORD

Client: HUSTON ENVIRONMENTAL LTD.
Address: 721 NEW YORK AVE.
HUNTINGTON, NY 11743
Phone: 631-351-5555 FAX: 631-351-5615
Person receiving report: JOHN TEGLIS
Sampled by: JOHN TEGLIS
Source: MASTER UNIFORM SERVICES
Job No.: 05077-2

PLEASE SEND RESULTS REDIRECT TO:
2 TESTS @ ORTON LINE, NET

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: 40ML VOA VIALS	1L AMBER GLASS	1L UNPRES PLASTIC	1L HNO3 PLASTIC	1L NAOH PLASTIC	1L ZN ACETATE PLASTIC	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
	5/8												
WATER	5/8	1250	MW PIT DISCHARGE	6	2	1	1	1	1				SEE ATTACHED PERMIT # 89 PLUS CHLORIDE
	5/8												

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: HUSTON	5/8 1400	YES NO NA	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

DISCHARGE LIMITATIONS BASED ON CATEGORICAL AND LOCAL LIMITS

	APPLICABLE STANDARD OF MAXIMUM CONCENTRATION OF INDUSTRIAL WASTEWATER DISCHARGE TO THE PUBLIC SEWER		CATEGORICAL STANDARD APPLIED AT THE POINT OF DISCHARGE FROM THE REGULATED OPERATION		MAXIMUM CONCENTRATION OF INDUSTRIAL DISCHARGE TO THE PUBLIC SEWER (NASSAU COUNTY SEWER ORDINANCE)
PARAMETERS	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l
Oil/Grease (O/G)					100
pH – maximum	9.5	9.5			9.5
pH – minimum	5.5	5.5			5.5
Antimony (Sb)					0.18
Arsenic (As)					0.1
Barium (Ba)					2.0
Cadmium (Cd)					0.2
Chromium-total(CR,T)					2.0
Chromium-hex (Cr^{+6})					0.1
Copper (Cu)					2.0
Cyanide (Cn, Total)					1.0
Fluoride (F^-)					10.0
Iron (Fe)					4.0
Lead (Pb)	0.1				0.1
Manganese (Mn)					2.0
Mercury (Hg)					0.1
Nickel (Ni)					2.0
Selenium (Se)					0.1
Silver (Ag)					0.1
Zinc (Zn)					5.0
Flow	30 GPM (43200 GPD)				
Tetrachloroethylene	0.05				
Total VOC	1.0				
Trichloroethylene	0.010				

Note: 1. The term "VOC" shall mean the sum of the concentrations for Halogenated and Aromatic compounds regulated for the industry found in the discharge of your facility at a concentration greater than 0.01 mg/l. (10 ppb)
2. The most stringent (local limit or categorical standard) limit is considered the applicable discharge standard and shall be applied at the point of discharge.

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LAB NO.262095.00 06/14/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:06/06/06 RECEIVED:06/06/06
TIME COL'D:1000
MATRIX:Water SAMPLE: NUS-P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		06/08/06	1	EPA8260
Chloromethane	ug/L	< 1		06/08/06	1	EPA8260
Vinyl Chloride	ug/L	< 1		06/08/06	1	EPA8260
Bromomethane	ug/L	< 1		06/08/06	1	EPA8260
Chloroethane	ug/L	< 1		06/08/06	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		06/08/06	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		06/08/06	1	EPA8260
Methylene Chloride	ug/L	< 1		06/08/06	1	EPA8260
t-1,2-Dichloroethene	ug/L	< 1		06/08/06	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		06/08/06	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		06/08/06	1	EPA8260
c-1,2-Dichloroethene	ug/L	< 1		06/08/06	1	EPA8260
Bromochloromethane	ug/L	< 1		06/08/06	1	EPA8260
Chloroform	ug/L	< 1		06/08/06	1	EPA8260
111 Trichloroethane	ug/L	< 1		06/08/06	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		06/08/06	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		06/08/06	1	EPA8260
Benzene	ug/L	< 1		06/08/06	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		06/08/06	1	EPA8260
Trichloroethene	ug/L	< 1		06/08/06	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		06/08/06	1	EPA8260
Dibromomethane	ug/L	< 1		06/08/06	1	EPA8260
Bromodichloromethane	ug/L	< 1		06/08/06	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		06/08/06	1	EPA8260
Toluene	ug/L	< 1		06/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 14900 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:06/06/06 RECEIVED:06/06/06
TIME COL'D:1000
MATRIX:Water SAMPLE: NUS-P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		06/08/06	1	EPA8260
112 Trichloroethane	ug/L	< 1		06/08/06	1	EPA8260
Tetrachloroethene	ug/L	< 1		06/08/06	1	EPA8260
1,3-Dichloropropane	ug/L	< 1		06/08/06	1	EPA8260
Chlorodibromomethane	ug/L	< 1		06/08/06	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		06/08/06	1	EPA8260
Chlorobenzene	ug/L	< 1		06/08/06	1	EPA8260
Ethyl Benzene	ug/L	< 1		06/08/06	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		06/08/06	1	EPA8260
m + p Xylene	ug/L	< 2		06/08/06	2	EPA8260
o Xylene	ug/L	< 1		06/08/06	1	EPA8260
Styrene	ug/L	< 1		06/08/06	1	EPA8260
Bromoform	ug/L	< 1		06/08/06	1	EPA8260
Isopropylbenzene	ug/L	< 1		06/08/06	1	EPA8260
Bromobenzene	ug/L	< 1		06/08/06	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		06/08/06	1	EPA8260
123-Trichloropropane	ug/L	< 1		06/08/06	1	EPA8260
n-Propylbenzene	ug/L	< 1		06/08/06	1	EPA8260
2-Chlorotoluene	ug/L	< 1		06/08/06	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		06/08/06	1	EPA8260
4-Chlorotoluene	ug/L	< 1		06/08/06	1	EPA8260
tert-Butylbenzene	ug/L	< 1		06/08/06	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		06/08/06	1	EPA8260
sec-Butylbenzene	ug/L	< 1		06/08/06	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		06/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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TIME COL'D:1000
MATRIX:Water SAMPLE: NUS-P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		06/08/06	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		06/08/06	1	EPA8260
n-Butylbenzene	ug/L	< 1		06/08/06	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		06/08/06	1	EPA8260
Dibromochloropropane	ug/L	< 1		06/08/06	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		06/08/06	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		06/08/06	1	EPA8260
Naphthalene(v)	ug/L	< 1		06/08/06	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		06/08/06	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		06/08/06	1	EPA8260
p-Ethyltoluene	ug/L	< 1		06/08/06	1	EPA8260
Freon 113	ug/L	< 1		06/08/06	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		06/08/06	1	EPA8260
Acetone	ug/L	< 10		06/08/06	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		06/08/06	10	EPA8260
Methylisobutylketone	ug/L	< 10		06/08/06	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		06/08/06	1	EPA8260
p Diethylbenzene	ug/L	< 1		06/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.262095.00 06/14/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:06/06/06 RECEIVED:06/06/06
TIME COL'D:1000
MATRIX:Water SAMPLE: NUS-P&T Discharge

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Antimony as Sb	mg/L	< 0.005		06/12/06	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		06/12/06	0.005	EPA200.7
Barium as Ba	mg/L	0.021		06/12/06	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.005		06/12/06	0.005	EPA200.7
Chromium as Cr	mg/L	< 0.005		06/12/06	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		06/12/06	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		06/12/06	0.005	EPA200.7
Mercury as Hg	mg/L	< 0.00025		06/09/06	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		06/12/06	0.01	EPA200.7
Selenium as Se	mg/L	< 0.004		06/09/06	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		06/12/06	0.005	EPA200.7
Iron as Fe	mg/L	0.37		06/12/06	0.01	EPA200.7
Zinc as Zn	mg/L	0.02		06/12/06	0.01	EPA200.7
Manganese as Mn	mg/L	< 0.01		06/12/06	0.01	EPA200.7
Oil and Grease	mg/L	< 5		06/09/06	5	EPA413.1
pH (lab) units		7.5		06/06/06	0.1	EPA150.1
Chromium hex as Cr	mg/L	< 0.02		06/07/06	0.02	EPA7196A
Cyanide as CN	mg/L	< 0.02		06/12/06	0.02	EPA335.3
Fluoride as F	mg/L	< 0.2		06/09/06	0.2	SM184500F(
Chloride as Cl	mg/L	150		06/07/06	10	SM184500C:

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 14903 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

06/06/06

CHAIN OF CUSTODY RECORD

Client: ANSON ENVIRONMENTAL
Address: 771 NEW YORK AVE
HUNTINGTON, NY 11743
Phone: 631.351.3555 FAX: 631.351.3615
Person receiving report: J. TEGINS
Sampled by: JOHN TEGINS
Source: NASSAU UNIFORM SERVICES
Job No.: 03023-2

PLEASE SEND PRELIMINARY REPORT TO: JTEGINS@OPTONLINE.NET

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	40 ML VOA VIALS	OIL & GREASE	8 OZ METALS	CYANIDE	16 OZ NO PRESERV.	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
WATER	6/6/06	1000	NBS - P&T DISCHARGE	6	2	1	1	1	1			SEE ATTACHED PERMIT #89 PLUS CHLORIDE

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: ANSON	6/6/06 12:30	YES NO (NA)	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

DISCHARGE LIMITATIONS BASED ON CATEGORICAL AND LOCAL LIMITS

	APPLICABLE STANDARD OF MAXIMUM CONCENTRATION OF INDUSTRIAL WASTEWATER DISCHARGE TO THE PUBLIC SEWER		CATEGORICAL STANDARD APPLIED AT THE POINT OF DISCHARGE FROM THE REGULATED OPERATION		MAXIMUM CONCENTRATION OF INDUSTRIAL DISCHARGE TO THE PUBLIC SEWER (NASSAU COUNTY SEWER ORDINANCE)
PARAMETERS	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l	MONTHLY AVERAGE mg/l	DAILY MAXIMUM mg/l
Oil/Grease (O/G)					100
pH – maximum	9.5	9.5			9.5
pH – minimum	5.5	5.5			5.5
Antimony (Sb)					0.18
Arsenic (As)					0.1
Barium (Ba)					2.0
Cadmium (Cd)					0.2
Chromium-total(CR,T)					2.0
Chromium-hex (Cr^{+6})					0.1
Copper (Cu)					2.0
Cyanide (Cn, Total)					1.0
Fluoride (F^-)					10.0
Iron (Fe)					4.0
Lead (Pb)	0.1				0.1
Manganese (Mn)					2.0
Mercury (Hg)					0.1
Nickel (Ni)					2.0
Selenium (Se)					0.1
Silver (Ag)					0.1
Zinc (Zn)					5.0
Flow	30 GPM (43200 GPD)				
Tetrachloroethylene	0.05				
Total VOC	1.0				
Trichloroethylene	0.010				

Note: 1. The term "VOC" shall mean the sum of the concentrations for Halogenated and Aromatic compounds regulated for the industry found in the discharge of your facility at a concentration greater than 0.01 mg/l. (10 ppb)
2. The most stringent (local limit or categorical standard) limit is considered the applicable discharge standard and shall be applied at the point of discharge.

Appendix 5

Laboratory Analytical Reports for P&T Pumping Well Samples Collected

on

3/08/2006

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260806.01 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0820
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 10		03/09/06	10	EPA8260
Bromomethane	ug/L	< 10		03/09/06	10	EPA8260
Vinyl Chloride	ug/L	38		03/09/06	10	EPA8260
Chloroethane	ug/L	< 10		03/09/06	10	EPA8260
Methylene Chloride	ug/L	< 10		03/09/06	10	EPA8260
Acetone	ug/L	< 100		03/09/06	100	EPA8260
Carbon disulfide	ug/L	< 10		03/09/06	10	EPA8260
1,1 Dichloroethene	ug/L	< 10		03/09/06	10	EPA8260
1,1 Dichloroethane	ug/L	< 10		03/09/06	10	EPA8260
1,2 Dichloroethene	ug/L	460		03/09/06	20	EPA8260
Chloroform	ug/L	< 10		03/09/06	10	EPA8260
1,2 Dichloroethane	ug/L	< 10		03/09/06	10	EPA8260
2-Butanone	ug/L	< 100		03/09/06	100	EPA8260
111 Trichloroethane	ug/L	< 10		03/09/06	10	EPA8260
Carbon Tetrachloride	ug/L	< 10		03/09/06	10	EPA8260
Bromodichloromethane	ug/L	< 10		03/09/06	10	EPA8260
1,2 Dichloropropane	ug/L	< 10		03/09/06	10	EPA8260
c-1,3Dichloropropene	ug/L	< 10		03/09/06	10	EPA8260
Trichloroethene	ug/L	540		03/09/06	10	EPA8260
Chlorodibromomethane	ug/L	< 10		03/09/06	10	EPA8260
112 Trichloroethane	ug/L	< 10		03/09/06	10	EPA8260
Benzene	ug/L	< 10		03/09/06	10	EPA8260
t-1,3Dichloropropene	ug/L	< 10		03/09/06	10	EPA8260
Bromoform	ug/L	< 10		03/09/06	10	EPA8260
4-Methyl-2-Pentanone	ug/L	< 100		03/09/06	100	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6131 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260806.01 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0820
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 100		03/09/06	100	EPA8260
Tetrachloroethene	ug/L	2000		03/10/06	50	EPA8260
Toluene	ug/L	< 10		03/09/06	10	EPA8260
1122Tetrachloroethane	ug/L	< 10		03/09/06	10	EPA8260
Chlorobenzene	ug/L	< 10		03/09/06	10	EPA8260
Ethyl Benzene	ug/L	< 10		03/09/06	10	EPA8260
Styrene	ug/L	< 10		03/09/06	10	EPA8260
o Xylene	ug/L	< 10		03/09/06	10	EPA8260
m + p Xylene	ug/L	< 20		03/09/06	20	EPA8260
Xylene	ug/L	< 30		03/09/06	30	EPA8260

MS Library Search (Vol)
Library Search, VOC

cc:

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REMARKS:

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ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.260806.01 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0820
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAl METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		03/10/06	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
Carbazole	ug/L	< 1		03/10/06	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		03/10/06	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		03/10/06	1	EPA8270
Hexachloroethane	ug/L	< 1		03/10/06	1	EPA8270
Nitrobenzene	ug/L	< 1		03/10/06	1	EPA8270
Isophorone	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		03/10/06	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		03/10/06	1	EPA8270
Naphthalene(sv)	ug/L	2		03/10/06	1	EPA8270
4-Chloroaniline	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		03/10/06	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		03/10/06	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		03/10/06	1	EPA8270
2-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Acenaphthylene	ug/L	< 1		03/10/06	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		03/10/06	1	EPA8270
3-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
Acenaphthene	ug/L	< 1		03/10/06	1	EPA8270
Dibenzofuran	ug/L	< 1		03/10/06	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260806.01 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0820
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		03/10/06	1	EPA8270
Diethyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		03/10/06	1	EPA8270
Fluorene	ug/L	< 1		03/10/06	1	EPA8270
4-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		03/10/06	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorobenzene	ug/L	< 1		03/10/06	1	EPA8270
Phenanthrene	ug/L	< 1		03/10/06	1	EPA8270
Anthracene	ug/L	< 1		03/10/06	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Pyrene	ug/L	< 1		03/10/06	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		03/10/06	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		03/10/06	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		03/10/06	1	EPA8270

cc:

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LAB NO.260806.01 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0820
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1	*	03/10/06	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		03/10/06	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		03/10/06	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		03/10/06	1	EPA8270
MS Library Search (BN)						

cc:

LRL=Laboratory Reporting Limit

REMARKS: Library Search is attached.
*No phthlates found in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260806.01 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0820
MATRIX:Water SAMPLE: NUS-PW#1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.01		03/14/06	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Barium as Ba	mg/L	0.013		03/14/06	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		03/14/06	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Calcium as Ca	mg/L	17		03/14/06	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		03/14/06	0.01	EPA200.7
Iron as Fe	mg/L	0.56		03/14/06	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Magnesium as Mg	mg/L	3.0		03/14/06	0.005	EPA200.7
Manganese as Mn	mg/L	0.01		03/14/06	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		03/14/06	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		03/14/06	0.01	EPA200.7
Potassium as K	mg/L	2.6		03/14/06	1	EPA200.7
Selenium as Se	mg/L	< 0.004		03/13/06	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Sodium as Na	mg/L	28		03/14/06	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		03/14/06	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6136 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260806.02 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0855
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 5		03/10/06	5	EPA8260
Bromomethane	ug/L	< 5		03/10/06	5	EPA8260
Vinyl Chloride	ug/L	52		03/10/06	5	EPA8260
Chloroethane	ug/L	< 5		03/10/06	5	EPA8260
Methylene Chloride	ug/L	< 5		03/10/06	5	EPA8260
Acetone	ug/L	< 50		03/10/06	50	EPA8260
Carbon disulfide	ug/L	< 5		03/10/06	5	EPA8260
1,1 Dichloroethene	ug/L	< 5		03/10/06	5	EPA8260
1,1 Dichloroethane	ug/L	< 5		03/10/06	5	EPA8260
1,2 Dichloroethene	ug/L	370		03/10/06	10	EPA8260
Chloroform	ug/L	< 5		03/10/06	5	EPA8260
1,2 Dichloroethane	ug/L	< 5		03/10/06	5	EPA8260
2-Butanone	ug/L	< 50		03/10/06	50	EPA8260
111 Trichloroethane	ug/L	< 5		03/10/06	5	EPA8260
Carbon Tetrachloride	ug/L	< 5		03/10/06	5	EPA8260
Bromodichloromethane	ug/L	< 5		03/10/06	5	EPA8260
1,2 Dichloropropane	ug/L	< 5		03/10/06	5	EPA8260
c-1,3Dichloropropene	ug/L	< 5		03/10/06	5	EPA8260
Trichloroethene	ug/L	260		03/10/06	5	EPA8260
Chlorodibromomethane	ug/L	< 5		03/10/06	5	EPA8260
112 Trichloroethane	ug/L	< 5		03/10/06	5	EPA8260
Benzene	ug/L	< 5		03/10/06	5	EPA8260
t-1,3Dichloropropene	ug/L	< 5		03/10/06	5	EPA8260
Bromoform	ug/L	< 5		03/10/06	5	EPA8260
4-Methyl-2-Pentanone	ug/L	< 50		03/10/06	50	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6137 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.260806.02 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0855
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 50		03/10/06	50	EPA8260
Tetrachloroethene	ug/L	2800		03/09/06	200	EPA8260
Toluene	ug/L	< 5		03/10/06	5	EPA8260
1122Tetrachloroethane	ug/L	< 5		03/10/06	5	EPA8260
Chlorobenzene	ug/L	< 5		03/10/06	5	EPA8260
Ethyl Benzene	ug/L	< 5		03/10/06	5	EPA8260
Styrene	ug/L	< 5		03/10/06	5	EPA8260
o Xylene	ug/L	< 5		03/10/06	5	EPA8260
m + p Xylene	ug/L	< 10		03/10/06	10	EPA8260
Xylene	ug/L	< 15		03/10/06	15	EPA8260

MS Library Search (Vol)
Library Search, VOC

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LRL=Laboratory Reporting Limit

REMARKS:

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LAB NO.260806.02 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0855
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		03/10/06	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
Carbazole	ug/L	< 1		03/10/06	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		03/10/06	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		03/10/06	1	EPA8270
Hexachloroethane	ug/L	< 1		03/10/06	1	EPA8270
Nitrobenzene	ug/L	< 1		03/10/06	1	EPA8270
Isophorone	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		03/10/06	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		03/10/06	1	EPA8270
Naphthalene(sv)	ug/L	5		03/10/06	1	EPA8270
4-Chloroaniline	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		03/10/06	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		03/10/06	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		03/10/06	1	EPA8270
2-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Acenaphthylene	ug/L	< 1		03/10/06	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		03/10/06	1	EPA8270
3-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
Acenaphthene	ug/L	1		03/10/06	1	EPA8270
Dibenzofuran	ug/L	1		03/10/06	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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771 New York Avenue
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SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
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TIME COL'D:0855
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
2,4-Dinitrotoluene	ug/L	< 1		03/10/06	1	EPA8270
Diethyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		03/10/06	1	EPA8270
Fluorene	ug/L	< 1		03/10/06	1	EPA8270
4-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		03/10/06	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorobenzene	ug/L	< 1		03/10/06	1	EPA8270
Phenanthrene	ug/L	< 1		03/10/06	1	EPA8270
Anthracene	ug/L	< 1		03/10/06	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1	*	03/10/06	1	EPA8270
Fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Pyrene	ug/L	< 1		03/10/06	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		03/10/06	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		03/10/06	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		03/10/06	1	EPA8270

cc:

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REMARKS: *No phthalates found in method blank.

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rn = 6140 NYSDOH ID # 10320

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SOURCE OF SAMPLE:
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TIME COL'D:0855
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1	*	03/10/06	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		03/10/06	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		03/10/06	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		03/10/06	1	EPA8270
MS Library Search (BN)						

cc:

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REMARKS: Library Search is attached.
*No phthlates found in method blank.

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TIME COL'D:0855
MATRIX:Water SAMPLE: NUS-PW#2

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.01		03/14/06	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Barium as Ba	mg/L	0.066		03/14/06	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		03/14/06	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Calcium as Ca	mg/L	34		03/14/06	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		03/14/06	0.01	EPA200.7
Iron as Fe	mg/L	0.87		03/14/06	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Magnesium as Mg	mg/L	28		03/14/06	0.005	EPA200.7
Manganese as Mn	mg/L	0.05		03/14/06	0.01	EPA200.7
Mercury as Hg	mg/L	0.00057		03/14/06	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		03/14/06	0.01	EPA200.7
Potassium as K	mg/L	12		03/15/06	5	EPA200.7
Selenium as Se	mg/L	< 0.004		03/13/06	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Sodium as Na	mg/L	220		03/15/06	5	EPA200.7
Thallium as Tl	mg/L	< 0.005		03/14/06	0.01	EPA200.7
Vanadium as V	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		03/14/06	0.01	EPA200.7

cc:

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REMARKS:

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LAB NO.260806.03 03/17/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/08/06 RECEIVED:03/08/06
TIME COL'D:0930
MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
Chloromethane	ug/L	< 5		03/10/06	5	EPA8260
Bromomethane	ug/L	< 5		03/10/06	5	EPA8260
Vinyl Chloride	ug/L	17		03/10/06	5	EPA8260
Chloroethane	ug/L	< 5		03/10/06	5	EPA8260
Methylene Chloride	ug/L	< 5		03/10/06	5	EPA8260
Acetone	ug/L	< 50		03/10/06	50	EPA8260
Carbon disulfide	ug/L	< 5		03/10/06	5	EPA8260
1,1 Dichloroethene	ug/L	< 5		03/10/06	5	EPA8260
1,1 Dichloroethane	ug/L	< 5		03/10/06	5	EPA8260
1,2 Dichloroethene	ug/L	140		03/10/06	10	EPA8260
Chloroform	ug/L	< 5		03/10/06	5	EPA8260
1,2 Dichloroethane	ug/L	< 5		03/10/06	5	EPA8260
2-Butanone	ug/L	< 50		03/10/06	50	EPA8260
111 Trichloroethane	ug/L	< 5		03/10/06	5	EPA8260
Carbon Tetrachloride	ug/L	< 5		03/10/06	5	EPA8260
Bromodichloromethane	ug/L	< 5		03/10/06	5	EPA8260
1,2 Dichloropropane	ug/L	< 5		03/10/06	5	EPA8260
c-1,3Dichloropropene	ug/L	< 5		03/10/06	5	EPA8260
Trichloroethene	ug/L	120		03/10/06	5	EPA8260
Chlorodibromomethane	ug/L	< 5		03/10/06	5	EPA8260
112 Trichloroethane	ug/L	< 5		03/10/06	5	EPA8260
Benzene	ug/L	< 5		03/10/06	5	EPA8260
t-1,3Dichloropropene	ug/L	< 5		03/10/06	5	EPA8260
Bromoform	ug/L	< 5		03/10/06	5	EPA8260
4-Methyl-2-Pentanone	ug/L	< 50		03/10/06	50	EPA8260

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TIME COL'D:0930
MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICA METHOD
2-Hexanone	ug/L	< 50		03/10/06	50	EPA8260
Tetrachloroethene	ug/L	2800		03/09/06	50	EPA8260
Toluene	ug/L	< 5		03/10/06	5	EPA8260
1122Tetrachloroethane	ug/L	< 5		03/10/06	5	EPA8260
Chlorobenzene	ug/L	< 5		03/10/06	5	EPA8260
Ethyl Benzene	ug/L	< 5		03/10/06	5	EPA8260
Styrene	ug/L	< 5		03/10/06	5	EPA8260
o Xylene	ug/L	< 5		03/10/06	5	EPA8260
m + p Xylene	ug/L	< 10		03/10/06	10	EPA8260
Xylene	ug/L	< 15		03/10/06	15	EPA8260

MS Library Search (Vol)
Library Search, VOC

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		03/10/06	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
Carbazole	ug/L	< 1		03/10/06	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		03/10/06	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		03/10/06	1	EPA8270
Hexachloroethane	ug/L	< 1		03/10/06	1	EPA8270
Nitrobenzene	ug/L	< 1		03/10/06	1	EPA8270
Isophorone	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		03/10/06	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		03/10/06	1	EPA8270
Naphthalene(sv)	ug/L	< 1		03/10/06	1	EPA8270
4-Chloroaniline	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		03/10/06	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		03/10/06	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		03/10/06	1	EPA8270
2-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Acenaphthylene	ug/L	< 1		03/10/06	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		03/10/06	1	EPA8270
3-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
Acenaphthene	ug/L	< 1		03/10/06	1	EPA8270
Dibenzofuran	ug/L	< 1		03/10/06	1	EPA8270

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MATRIX:Water SAMPLE: NUS-PW#3

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		03/10/06	1	EPA8270
Diethyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		03/10/06	1	EPA8270
Fluorene	ug/L	< 1		03/10/06	1	EPA8270
4-Nitroaniline	ug/L	< 1		03/10/06	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		03/10/06	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		03/10/06	1	EPA8270
Hexachlorobenzene	ug/L	< 1		03/10/06	1	EPA8270
Phenanthrene	ug/L	< 1		03/10/06	1	EPA8270
Anthracene	ug/L	< 1		03/10/06	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Pyrene	ug/L	< 1		03/10/06	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		03/10/06	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		03/10/06	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		03/10/06	1	EPA8270

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Chrysene	ug/L	< 1		03/10/06	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1	*	03/10/06	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		03/10/06	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		03/10/06	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		03/10/06	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		03/10/06	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		03/10/06	1	EPA8270
MS Library Search (BN)						

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*No phthlates found in method blank.

DIRECTOR

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ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.03		03/14/06	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Barium as Ba	mg/L	0.018		03/14/06	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		03/14/06	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Calcium as Ca	mg/L	20		03/14/06	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		03/14/06	0.01	EPA200.7
Iron as Fe	mg/L	0.15		03/14/06	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Magnesium as Mg	mg/L	3.7		03/14/06	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		03/14/06	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		03/14/06	0.0002	EPA245.2
Nickel as Ni	mg/L	< 0.01		03/14/06	0.01	EPA200.7
Potassium as K	mg/L	3.1		03/14/06	1	EPA200.7
Selenium as Se	mg/L	< 0.004		03/13/06	0.004	EPA200.9
Silver as Ag	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Sodium as Na	mg/L	34		03/14/06	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		03/14/06	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		03/14/06	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 6148 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

03/08/06

Client: NILSEN ENVIRONMENTAL LTD.
Address: 771 NEW YORK AVENUE
HUNTINGTON NY 11743
Phone: 631-271-3555 FAX: 631-351-3615
Person receiving report: JOHN TEGNIS
Sampled by: JOHN TEGNIS
Source: NILSEN UNIFORM SERVICES
Job No.: 03023-2

PLEASE SEND PRELIMINARY RESULTS TO: JTEGNIS@OPTONLINE.NET

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: 40 ml. GLASS VOA VIALS	500 ml. PLASTIC-METALS	1 LITER GLASS-SVOCs	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
WATER	3/6	0820	NJS - PW #1	4	2	1	1			ACCORDING TO TARGET COMPOUND LISTS TENTATIVELY TO COMPOUNDS (TIC) FOR VOCs AND SVOCs (10 TICs FOR VOC & AND 20 TICs FOR SVOCs. USE EPA METHOD 8260 & 8270 FROM TARGET COMPOUND LIST (TCL), FOR SVOCs ONLY DO THE BASE/NEUTRALS ON THE TCL. FOR METALS DO THE 23 METALS ON THE TARGET ANALYTE LIST (TAL)
WATER	3/6/06	0855	NJS - PW #2	4	2	1	1			
WATER	3/6/06	0930	NJS - PW #3	4	2	1	1			

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: NILSEN	03/6/06 1115	YES NO NA	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

03/06/06

Appendix 6

Laboratory Analytical Reports for P&T Input Samples Collected

on

5/08/2006 and 6/06/2006

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261753.00 05/15/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/08/06 RECEIVED:05/08/06
TIME COL'D:1230
MATRIX:Water SAMPLE: NUS P&T Input

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		05/08/06	1	EPA8260
Chloromethane	ug/L	< 1		05/08/06	1	EPA8260
Vinyl Chloride	ug/L	17		05/08/06	1	EPA8260
Bromomethane	ug/L	< 1		05/08/06	1	EPA8260
Chloroethane	ug/L	< 1		05/08/06	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		05/08/06	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		05/08/06	1	EPA8260
Methylene Chloride	ug/L	< 1		05/08/06	1	EPA8260
t-1,2-Dichloroethene	ug/L	7		05/08/06	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		05/08/06	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		05/08/06	1	EPA8260
c-1,2-Dichloroethene	ug/L	190		05/08/06	1	EPA8260
Bromochloromethane	ug/L	< 1		05/08/06	1	EPA8260
Chloroform	ug/L	< 1		05/08/06	1	EPA8260
111 Trichloroethane	ug/L	< 1		05/08/06	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		05/08/06	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		05/08/06	1	EPA8260
Benzene	ug/L	< 1		05/08/06	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		05/08/06	1	EPA8260
Trichloroethene	ug/L	210		05/08/06	20	EPA8260
1,2 Dichloropropane	ug/L	< 1		05/08/06	1	EPA8260
Dibromomethane	ug/L	< 1		05/08/06	1	EPA8260
Bromodichloromethane	ug/L	< 1		05/08/06	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		05/08/06	1	EPA8260
Toluene	ug/L	< 1		05/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 12970 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261753.00 05/15/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/08/06 RECEIVED:05/08/06
TIME COL'D:1230
MATRIX:Water SAMPLE: NUS P&T Input

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		05/08/06	1	EPA8260
112 Trichloroethane	ug/L	< 1		05/08/06	1	EPA8260
Tetrachloroethene	ug/L	2300		05/08/06	50	EPA8260
1,3-Dichloropropane	ug/L	< 1		05/08/06	1	EPA8260
Chlorodibromomethane	ug/L	< 1		05/08/06	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		05/08/06	1	EPA8260
Chlorobenzene	ug/L	< 1		05/08/06	1	EPA8260
Ethyl Benzene	ug/L	< 1		05/08/06	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		05/08/06	1	EPA8260
m + p Xylene	ug/L	< 2		05/08/06	2	EPA8260
o Xylene	ug/L	< 1		05/08/06	1	EPA8260
Styrene	ug/L	< 1		05/08/06	1	EPA8260
Bromoform	ug/L	< 1		05/08/06	1	EPA8260
Isopropylbenzene	ug/L	< 1		05/08/06	1	EPA8260
Bromobenzene	ug/L	< 1		05/08/06	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		05/08/06	1	EPA8260
123-Trichloropropane	ug/L	< 1		05/08/06	1	EPA8260
n-Propylbenzene	ug/L	< 1		05/08/06	1	EPA8260
2-Chlorotoluene	ug/L	< 1		05/08/06	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		05/08/06	1	EPA8260
4-Chlorotoluene	ug/L	< 1		05/08/06	1	EPA8260
tert-Butylbenzene	ug/L	< 1		05/08/06	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		05/08/06	1	EPA8260
sec-Butylbenzene	ug/L	< 1		05/08/06	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		05/08/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 12971 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.261753.00 05/15/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:05/08/06 RECEIVED:05/08/06
TIME COL'D:1230
MATRIX:Water SAMPLE: NUS P&T Input

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
n-Butylbenzene	ug/L	< 1		05/08/06	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
Dibromochloropropane	ug/L	< 1		05/08/06	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		05/08/06	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		05/08/06	1	EPA8260
Naphthalene(v)	ug/L	< 1		05/08/06	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		05/08/06	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		05/08/06	1	EPA8260
p-Ethyltoluene	ug/L	< 1		05/08/06	1	EPA8260
Freon 113	ug/L	< 1		05/08/06	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		05/08/06	1	EPA8260
Acetone	ug/L	< 10		05/08/06	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		05/08/06	10	EPA8260
Methylisobutylketone	ug/L	< 10		05/08/06	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		05/08/06	1	EPA8260
p Diethylbenzene	ug/L	< 1		05/08/06	1	EPA8260
Lead as Pb	mg/L	< 0.005		05/11/06	0.005	EPA200.7
Iron as Fe	mg/L	0.39		05/11/06	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 12972 NYSDOH ID # 10320

ECO T LABORATORIES, INC. • ENVIRONMENTAL TESTIN
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECO.D

05/08/06

Client: ANSON ENVIRONMENTAL LTD.
Address: 771 NEW YORK AVE.
HUNTINGTON, NY 11743
Phone: 631-351-3555 FAX: 631-351-3615
Person receiving report: JOHN TEGINS
Sampled by: JOHN TEGINS
Source: NASSAU UNIFORM SERVICE
Job No.: 03023-2

PLEASE SEND PRELIMINARY REPORT TO:
JTEGINS@OPTONLINE.NET

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: 40mL VOA	100mL PLASTIC	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
				2					
WATER	5/8/06	1230	NUS PAT INPUT	2	1				EPA 8260, IRON + LEAD

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: ANSON	5/8/06 1400	YES NO (NA)	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.262096.00 06/13/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:06/06/06 RECEIVED:06/06/06
TIME COL'D:0940
MATRIX:Water SAMPLE: NUS-P&T Input

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlordifluoromethane	ug/L	< 1		06/09/06	1	EPA8260
Chloromethane	ug/L	< 1		06/09/06	1	EPA8260
Vinyl Chloride	ug/L	22		06/09/06	1	EPA8260
Bromomethane	ug/L	< 1		06/09/06	1	EPA8260
Chloroethane	ug/L	< 1		06/09/06	1	EPA8260
Trichlorofluoromethane	ug/L	< 1		06/09/06	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		06/09/06	1	EPA8260
Methylene Chloride	ug/L	< 1		06/09/06	1	EPA8260
t-1,2-Dichloroethene	ug/L	1		06/09/06	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		06/09/06	1	EPA8260
2,2-Dichloropropane	ug/L	< 1		06/09/06	1	EPA8260
c-1,2-Dichloroethene	ug/L	210		06/09/06	10	EPA8260
Bromochloromethane	ug/L	< 1		06/09/06	1	EPA8260
Chloroform	ug/L	< 1		06/09/06	1	EPA8260
111 Trichloroethane	ug/L	< 1		06/09/06	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		06/09/06	1	EPA8260
1,1-Dichloropropene	ug/L	< 1		06/09/06	1	EPA8260
Benzene	ug/L	< 1		06/09/06	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		06/09/06	1	EPA8260
Trichloroethene	ug/L	220		06/09/06	10	EPA8260
1,2 Dichloropropane	ug/L	< 1		06/09/06	1	EPA8260
Dibromomethane	ug/L	< 1		06/09/06	1	EPA8260
Bromodichloromethane	ug/L	< 1		06/09/06	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		06/09/06	1	EPA8260
Toluene	ug/L	< 1		06/09/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 14904 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.262096.00 06/13/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:06/06/06 RECEIVED:06/06/06
TIME COL'D:0940
MATRIX:Water SAMPLE: NUS-P&T Input

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
t-1,3Dichloropropene	ug/L	< 1		06/09/06	1	EPA8260
112 Trichloroethane	ug/L	< 1		06/09/06	1	EPA8260
Tetrachloroethene	ug/L	1600		06/06/06	50	EPA8260
1,3-Dichloropropane	ug/L	< 1		06/09/06	1	EPA8260
Chlorodibromomethane	ug/L	< 1		06/09/06	1	EPA8260
1,2 Dibromoethane	ug/L	< 1		06/09/06	1	EPA8260
Chlorobenzene	ug/L	< 1		06/09/06	1	EPA8260
Ethyl Benzene	ug/L	< 1		06/09/06	1	EPA8260
1112Tetrachloroethane	ug/L	< 1		06/09/06	1	EPA8260
m + p Xylene	ug/L	< 2		06/09/06	2	EPA8260
o Xylene	ug/L	< 1		06/09/06	1	EPA8260
Styrene	ug/L	< 1		06/09/06	1	EPA8260
Bromoform	ug/L	< 1		06/09/06	1	EPA8260
Isopropylbenzene	ug/L	< 1		06/09/06	1	EPA8260
Bromobenzene	ug/L	< 1		06/09/06	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		06/09/06	1	EPA8260
123-Trichloropropane	ug/L	< 1		06/09/06	1	EPA8260
n-Propylbenzene	ug/L	< 1		06/09/06	1	EPA8260
2-Chlorotoluene	ug/L	< 1		06/09/06	1	EPA8260
135-Trimethylbenzene	ug/L	< 1		06/09/06	1	EPA8260
4-Chlorotoluene	ug/L	< 1		06/09/06	1	EPA8260
tert-Butylbenzene	ug/L	< 1		06/09/06	1	EPA8260
124-Trimethylbenzene	ug/L	< 1		06/09/06	1	EPA8260
sec-Butylbenzene	ug/L	< 1		06/09/06	1	EPA8260
p-Isopropyltoluene	ug/L	< 1		06/09/06	1	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.262096.00 06/13/06

Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743
ATTN: John Tegins PO#:

SOURCE OF SAMPLE: Nassau Uniform Services, #03023-2
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:06/06/06 RECEIVED:06/06/06
TIME COL'D:0940
MATRIX:Water SAMPLE: NUS-P&T Input

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
1,3 Dichlorobenzene (v)	ug/L	< 1		06/09/06	1	EPA8260
1,4 Dichlorobenzene (v)	ug/L	< 1		06/09/06	1	EPA8260
n-Butylbenzene	ug/L	< 1		06/09/06	1	EPA8260
1,2 Dichlorobenzene (v)	ug/L	< 1		06/09/06	1	EPA8260
Dibromochloropropane	ug/L	< 1		06/09/06	1	EPA8260
124-Trichlorobenzene (v)	ug/L	< 1		06/09/06	1	EPA8260
Hexachlorobutadiene	ug/L	< 1		06/09/06	1	EPA8260
Naphthalene(v)	ug/L	< 1		06/09/06	1	EPA8260
123-Trichlorobenzene	ug/L	< 1		06/09/06	1	EPA8260
ter.ButylMethylEther	ug/L	< 1		06/09/06	1	EPA8260
p-Ethyltoluene	ug/L	< 1		06/09/06	1	EPA8260
Freon 113	ug/L	< 1		06/09/06	1	EPA8260
1245 Tetramethylbenz	ug/L	< 1		06/09/06	1	EPA8260
Acetone	ug/L	< 10		06/09/06	10	EPA8260
Methyl Ethyl Ketone	ug/L	< 10		06/09/06	10	EPA8260
Methylisobutylketone	ug/L	< 10		06/09/06	10	EPA8260
Chlorodifluoromethane	ug/L	< 1		06/09/06	1	EPA8260
p Diethylbenzene	ug/L	< 1		06/09/06	1	EPA8260
Iron as Fe	mg/L	0.43		06/08/06	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		06/08/06	0.005	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECO[illegible]ST LABORATORIES, INC. • ENVIRONMENTAL TES[illegible]G 6/6/06

CHAIN OF CUSTODY [illegible]CORD

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

Client: ANSON ENVIRONMENTAL LTD
Address: 771 NEW YORK AVE
HUNTINGTON, NY 11743
Phone: 631-351-3555 FAX: 631-351-3615
Person receiving report: JOHN TEGNIS
Sampled by: JOHN TEGNIS
Source: NASSAU UNIFORM SERVICES
Job No.: 03023-2

PLEASE SEND PRELIMINARY REMRT TO:
JTEGNIS@OPTONLINE.NET

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: VOA VIALS	TYPE & NUMBER OF CONTAINERS: 40 ML AMBER METALS	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
WATER	6/6/06	0940	NUS P&T INPUT	3	2	1			EPA 8260 PLUS IRON & LEAD

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing: ANSON	6/6/06 1730	YES NO NA	Representing:	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

Appendix 7

Laboratory Analytical Reports for P&T Air Purification Canister Samples

Collected in 2006

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Laboratory Identifier: 0603092
Custody Document: S6138
Received: 03/06/2006 10:04
Sampled by: John Tegins

Client: Anson Environmental Inc
771 New York Avenue
Huntington,
NY 11743

Project: Nassau Uniform
525 Ray Street
Freeport,
NY
Area: 3023-2

Manager: John Tegins

Respectfully submitted,

Juan R. Cubas

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0603092-3
Client Sample ID: P&T Canister #1 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 03/08/2006

Collected: 03/06/2006 08:30
Volume: 7.98 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2105-3843	0.013	0.013	mg/M3	U
74-87-3	Chloromethane	C2105-3843	0.014	0.014	mg/M3	U
75-01-4	Vinyl Chloride	C2105-3843	0.014	**0.22**	mg/M3	
74-83-9	Bromomethane	C2105-3843	0.017	0.017	mg/M3	U
75-00-3	Chloroethane	C2105-3843	0.025	0.025	mg/M3	U
75-69-4	Trichlorofluoromethane	C2105-3843	0.013	0.013	mg/M3	U
75-35-4	1,1-Dichloroethene	C2105-3843	0.015	0.015	mg/M3	U
75-09-2	Methylene Chloride	C2105-3843	0.015	**0.072**	mg/M3	Y
156-60-5	t-1,2-Dichloroethene	C2105-3843	0.013	0.013	mg/M3	U
75-34-3	1,1-Dichloroethane	C2105-3843	0.015	0.015	mg/M3	U
590-20-7	2,2-Dichloropropane	C2105-3843	0.0092	0.0092	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C2105-3843	0.013	**0.49**	mg/M3	
67-66-3	Chloroform	C2105-3843	0.014	0.014	mg/M3	U
74-97-5	Bromochloromethane	C2105-3843	0.013	0.013	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C2105-3843	0.014	0.014	mg/M3	U
563-58-6	1,1-Dichloropropene	C2105-3843	0.013	0.013	mg/M3	U
56-23-5	Carbon Tetrachloride	C2105-3843	0.013	0.013	mg/M3	U
107-06-2	1,2 Dichloroethane	C2105-3843	0.013	0.013	mg/M3	U
71-43-2	Benzene	C2105-3843	0.014	0.014	mg/M3	U
79-01-6	Trichloroethene	C2105-3843	0.013	0.013	mg/M3	U
78-87-5	1,2-Dichloropropane	C2105-3843	0.012	0.012	mg/M3	U
75-27-4	Bromodichloromethane	C2105-3843	0.013	0.013	mg/M3	U
74-95-3	Dibromomethane	C2105-3843	0.013	0.013	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C2105-3843	0.010	0.010	mg/M3	U
108-88-3	Toluene	C2105-3843	0.010	0.010	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C2105-3843	0.012	0.012	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C2105-3843	0.016	0.016	mg/M3	U
142-28-9	1,3-Dichloropropane	C2105-3843	0.012	0.012	mg/M3	U
127-18-4	Tetrachloroethene	C2105-3843	0.012	0.012	mg/M3	U
124-48-1	Dibromochloromethane	C2105-3843	0.013	0.013	mg/M3	U
106-93-4	1,2-Dibromoethane	C2105-3843	0.013	0.013	mg/M3	U
108-90-7	Chlorobenzene	C2105-3843	0.013	0.013	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C2105-3843	0.013	0.013	mg/M3	U
100-41-4	Ethylbenzene	C2105-3843	0.013	0.013	mg/M3	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0603092-3
Client Sample ID: P&T Canister #1 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 03/08/2006

Collected: 03/06/2006 08:30
Volume: 7.98 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	C2105-3843	0.022	0.022	mg/M3	U
95-47-6	o-xylene	C2105-3843	0.013	0.013	mg/M3	U
100-42-5	Styrene	C2105-3843	0.011	0.011	mg/M3	U
98-82-8	Isopropylbenzene	C2105-3843	0.012	0.012	mg/M3	U
75-25-2	Bromoform	C2105-3843	0.013	0.013	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C2105-3843	0.015	0.015	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C2105-3843	0.020	0.020	mg/M3	U
103-65-1	n-Propylbenzene	C2105-3843	0.012	0.012	mg/M3	U
108-86-1	Bromobenzene	C2105-3843	0.013	0.013	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C2105-3843	0.011	0.011	mg/M3	U
95-49-8	2-Chlorotoluene	C2105-3843	0.011	0.011	mg/M3	U
106-43-4	4-Chlorotoluene	C2105-3843	0.011	0.011	mg/M3	U
99-87-6	4-Isopropyltoluene	C2105-3843	0.010	0.010	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C2105-3843	0.010	0.010	mg/M3	U
135-98-8	sec-Butylbenzene	C2105-3843	0.011	0.011	mg/M3	U
98-06-6	tert-Butylbenzene	C2105-3843	0.011	0.011	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C2105-3843	0.012	0.012	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C2105-3843	0.012	0.012	mg/M3	U
104-51-8	n-Butylbenzene	C2105-3843	0.011	0.011	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C2105-3843	0.012	0.012	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C2105-3843	0.012	0.012	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C2105-3843	0.011	0.011	mg/M3	U
87-68-3	Hexachlorobutadiene	C2105-3843	0.010	0.010	mg/M3	U
91-20-3	Naphthalene	C2105-3843	0.012	0.012	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C2105-3843	0.0096	0.0096	mg/M3	U
1634-04-4	MTBE	C2105-3843	0.014	0.014	mg/M3	U
78-93-3	2-Butanone	C2105-3843	0.043	0.043	mg/M3	U
591-78-6	2-Hexanone	C2105-3843	0.042	0.042	mg/M3	U
108-10-1	4-Methyl-2-pentanone	C2105-3843	0.047	0.047	mg/M3	U
67-64-1	Acetone	C2105-3843	0.044	0.044	mg/M3	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0603092-3
Client Sample ID: P&T Canister #1 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 03/08/2006

Collected: 03/06/2006 08:30
Volume: 7.98 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2105-3843	98.4 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2105-3843	101.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2105-3843	99.5 %	(73 - 120)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0603092-4
Client Sample ID: P&T Canister #2 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 03/08/2006

Collected: 03/06/2006 08:30
Volume: 5.13 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2105-3844	0.020	0.020	mg/M3	U
74-87-3	Chloromethane	C2105-3844	0.022	0.022	mg/M3	U
75-01-4	Vinyl Chloride	C2105-3844	0.021	**0.080**	mg/M3	Y
74-83-9	Bromomethane	C2105-3844	0.026	0.026	mg/M3	U
75-00-3	Chloroethane	C2105-3844	0.039	0.039	mg/M3	U
75-69-4	Trichlorofluoromethane	C2105-3844	0.020	0.020	mg/M3	U
75-35-4	1,1-Dichloroethene	C2105-3844	0.023	0.023	mg/M3	U
75-09-2	Methylene Chloride	C2105-3844	0.023	0.023	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C2105-3844	0.020	0.020	mg/M3	U
75-34-3	1,1-Dichloroethane	C2105-3844	0.023	0.023	mg/M3	U
590-20-7	2,2-Dichloropropane	C2105-3844	0.014	0.014	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C2105-3844	0.020	**0.20**	mg/M3	
67-66-3	Chloroform	C2105-3844	0.022	0.022	mg/M3	U
74-97-5	Bromochloromethane	C2105-3844	0.020	0.020	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C2105-3844	0.021	0.021	mg/M3	U
563-58-6	1,1-Dichloropropene	C2105-3844	0.020	0.020	mg/M3	U
56-23-5	Carbon Tetrachloride	C2105-3844	0.020	0.020	mg/M3	U
107-06-2	1,2 Dichloroethane	C2105-3844	0.020	0.020	mg/M3	U
71-43-2	Benzene	C2105-3844	0.021	0.021	mg/M3	U
79-01-6	Trichloroethene	C2105-3844	0.020	0.020	mg/M3	U
78-87-5	1,2-Dichloropropane	C2105-3844	0.019	0.019	mg/M3	U
75-27-4	Bromodichloromethane	C2105-3844	0.020	0.020	mg/M3	U
74-95-3	Dibromomethane	C2105-3844	0.020	0.020	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C2105-3844	0.015	0.015	mg/M3	U
108-88-3	Toluene	C2105-3844	0.016	0.016	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C2105-3844	0.019	0.019	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C2105-3844	0.025	0.025	mg/M3	U
142-28-9	1,3-Dichloropropane	C2105-3844	0.019	0.019	mg/M3	U
127-18-4	Tetrachloroethene	C2105-3844	0.018	0.018	mg/M3	U
124-48-1	Dibromochloromethane	C2105-3844	0.020	0.020	mg/M3	U
106-93-4	1,2-Dibromoethane	C2105-3844	0.021	0.021	mg/M3	U
108-90-7	Chlorobenzene	C2105-3844	0.020	0.020	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C2105-3844	0.020	0.020	mg/M3	U
100-41-4	Ethylbenzene	C2105-3844	0.020	0.020	mg/M3	U

Environm ıtal Testing Laborat ies, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0603092-4

Client Sample ID: P&T Canister #2 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 03/08/2006

Collected: 03/06/2006 08:30
Volume: 5.13 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	C2105-3844	0.034	0.034	mg/M3	U
95-47-6	o-xylene	C2105-3844	0.020	0.020	mg/M3	U
100-42-5	Styrene	C2105-3844	0.018	0.018	mg/M3	U
98-82-8	Isopropylbenzene	C2105-3844	0.019	0.019	mg/M3	U
75-25-2	Bromoform	C2105-3844	0.020	0.020	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C2105-3844	0.024	0.024	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C2105-3844	0.032	0.032	mg/M3	U
103-65-1	n-Propylbenzene	C2105-3844	0.019	0.019	mg/M3	U
108-86-1	Bromobenzene	C2105-3844	0.020	0.020	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C2105-3844	0.016	0.016	mg/M3	U
95-49-8	2-Chlorotoluene	C2105-3844	0.018	0.018	mg/M3	U
106-43-4	4-Chlorotoluene	C2105-3844	0.018	0.018	mg/M3	U
99-87-6	4-Isopropyltoluene	C2105-3844	0.016	0.016	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C2105-3844	0.016	0.016	mg/M3	U
135-98-8	sec-Butylbenzene	C2105-3844	0.017	0.017	mg/M3	U
98-06-6	tert-Butylbenzene	C2105-3844	0.016	0.016	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C2105-3844	0.018	0.018	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C2105-3844	0.019	0.019	mg/M3	U
104-51-8	n-Butylbenzene	C2105-3844	0.017	0.017	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C2105-3844	0.019	0.019	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C2105-3844	0.019	0.019	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C2105-3844	0.016	0.016	mg/M3	U
87-68-3	Hexachlorobutadiene	C2105-3844	0.015	0.015	mg/M3	U
91-20-3	Naphthalene	C2105-3844	0.018	0.018	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C2105-3844	0.015	0.015	mg/M3	U
1634-04-4	MTBE	C2105-3844	0.022	0.022	mg/M3	U
78-93-3	2-Butanone	C2105-3844	0.067	0.067	mg/M3	U
591-78-6	2-Hexanone	C2105-3844	0.065	0.065	mg/M3	U
108-10-1	4-Methyl-2-pentanone	C2105-3844	0.072	0.072	mg/M3	U
67-64-1	Acetone	C2105-3844	0.069	0.069	mg/M3	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0603092-4

Client Sample ID: P&T Canister #2 Output
Matrix: Air
Type: Grab
Collected: 03/06/2006 08:30
Volume: 5.13 L
Remarks: See Case Narrative
Analyzed Date: 03/08/2006

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2105-3844	98.1 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2105-3844	101.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2105-3844	98.8 %	(73 - 120)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

0603092-1: The back portion of the cartridge tube was analyzed. Vinyl Chloride was the only target compound detected in the back portion. The concentration of the back portion Vinyl Chloride was added to the total Vinyl Chloride reported.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/10/2006

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration standard concentration.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

NA - Not Applicable

NR - Not Required

* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

x - Outside Expected Range

ETL

Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
631-249-1456 • Fax: 631-249-8344

CHAIN OF CUSTODY DOCUMENT

03/06/06

$ 6138

Project Name: NASSAU UNIFORM | Project Manager: JOHN TEGINS | Sampler (Signature): John Tegins (Print):

Project Address: 525 RAY ST, FREEPORT, NY

Client ANSON ENV J/N: 03023-Z ☐ Rush by / /

SAMPLE INFO Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air, W = Wipe | *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH
1	3/6/06	0830	G	A	SVES CANISTER #1 INPUT	1				1						
2	"	"	G	A	SVES CANISTER #2 OUTPUT	1				1						
3	"	"	G	A	P&T CANISTER #1 OUTPUT	1				1						
4	"	"	G	A	P&T CANISTER #2 OUTPUT	1				1						
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received by (Signature):	Date / Time	Printed Name & Agent
John Tegins	03/06/06 0955	JOHN TEGINS ANSON ENV.			
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature): Joe Romeo	Date 3/6/06 Time 10:05	Printed Name Joe Romeo
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers: 4 - 5 LITER AIR BAGS	Preservatives:	Temp:

CLIENT COPY

Environmental Testing Laboratories, Inc.
2-8 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

04/10/2006

Laboratory Identifier: 0604059

Custody Document: S6125
Received: 04/04/2006 15:03
Sampled by: John Tegins
Job Number: 30232

Client: Anson Environmental Inc

771 New York Avenue
Huntington,
NY 11743

Project: Anson Environmental

771 New York Avenue
Huntington,
NY

Manager: John Tegins

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

04/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0604059-1
Client Sample ID: NUS-P&T-Canister #1 Input
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 04/08/2006

Collected: 04/04/2006 13:30
Volume: 6.29 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2136-4451	0.017	0.017	mg/M3	U
74-87-3	Chloromethane	C2136-4451	0.018	0.018	mg/M3	U
75-01-4	Vinyl Chloride	C2136-4451	0.017	**0.13**	mg/M3	
74-83-9	Bromomethane	C2136-4451	0.021	0.021	mg/M3	U
75-00-3	Chloroethane	C2136-4451	0.032	0.032	mg/M3	U
75-69-4	Trichlorofluoromethane	C2136-4451	0.016	0.016	mg/M3	U
75-35-4	1,1-Dichloroethene	C2136-4451	0.019	0.019	mg/M3	U
75-09-2	Methylene Chloride	C2136-4451	0.019	0.019	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C2136-4451	0.016	0.016	mg/M3	U
75-34-3	1,1-Dichloroethane	C2136-4451	0.019	0.019	mg/M3	U
590-20-7	2,2-Dichloropropane	C2136-4451	0.012	0.012	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C2136-4451	0.016	**1.33**	mg/M3	
67-66-3	Chloroform	C2136-4451	0.018	0.018	mg/M3	U
74-97-5	Bromochloromethane	C2136-4451	0.016	0.016	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C2136-4451	0.017	0.017	mg/M3	U
563-58-6	1,1-Dichloropropene	C2136-4451	0.016	0.016	mg/M3	U
56-23-5	Carbon Tetrachloride	C2136-4451	0.016	0.016	mg/M3	U
107-06-2	1,2 Dichloroethane	C2136-4451	0.017	0.017	mg/M3	U
71-43-2	Benzene	C2136-4451	0.017	0.017	mg/M3	U
79-01-6	Trichloroethene	C2136-4451	0.016	**0.36**	mg/M3	
78-87-5	1,2-Dichloropropane	C2136-4451	0.015	0.015	mg/M3	U
75-27-4	Bromodichloromethane	C2136-4451	0.016	0.016	mg/M3	U
74-95-3	Dibromomethane	C2136-4451	0.016	0.016	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C2136-4451	0.013	0.013	mg/M3	U
108-88-3	Toluene	C2136-4451	0.013	0.013	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C2136-4451	0.015	0.015	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C2136-4451	0.020	0.020	mg/M3	U
142-28-9	1,3-Dichloropropane	C2136-4451	0.016	0.016	mg/M3	U
127-18-4	Tetrachloroethene	C2136-4451	0.015	**0.80**	mg/M3	
124-48-1	Dibromochloromethane	C2136-4451	0.016	0.016	mg/M3	U
106-93-4	1,2-Dibromoethane	C2136-4451	0.017	0.017	mg/M3	U
108-90-7	Chlorobenzene	C2136-4451	0.017	0.017	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C2136-4451	0.016	0.016	mg/M3	U
100-41-4	Ethylbenzene	C2136-4451	0.017	0.017	mg/M3	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
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04/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0604059-1
Client Sample ID: NUS-P&T-Canister #1 Input
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 04/08/2006

Collected: 04/04/2006 13:30
Volume: 6.29 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	C2136-4451	0.027	0.027	mg/M3	U
95-47-6	o-xylene	C2136-4451	0.016	0.016	mg/M3	U
100-42-5	Styrene	C2136-4451	0.014	0.014	mg/M3	U
98-82-8	Isopropylbenzene	C2136-4451	0.015	0.015	mg/M3	U
75-25-2	Bromoform	C2136-4451	0.016	0.016	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C2136-4451	0.019	0.019	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C2136-4451	0.026	0.026	mg/M3	U
103-65-1	n-Propylbenzene	C2136-4451	0.015	0.015	mg/M3	U
108-86-1	Bromobenzene	C2136-4451	0.016	0.016	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C2136-4451	0.013	0.013	mg/M3	U
95-49-8	2-Chlorotoluene	C2136-4451	0.015	0.015	mg/M3	U
106-43-4	4-Chlorotoluene	C2136-4451	0.014	0.014	mg/M3	U
99-87-6	4-Isopropyltoluene	C2136-4451	0.013	0.013	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C2136-4451	0.013	0.013	mg/M3	U
135-98-8	sec-Butylbenzene	C2136-4451	0.014	0.014	mg/M3	U
98-06-6	tert-Butylbenzene	C2136-4451	0.013	0.013	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C2136-4451	0.015	0.015	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C2136-4451	0.016	0.016	mg/M3	U
104-51-8	n-Butylbenzene	C2136-4451	0.014	0.014	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C2136-4451	0.015	0.015	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C2136-4451	0.015	0.015	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C2136-4451	0.013	0.013	mg/M3	U
87-68-3	Hexachlorobutadiene	C2136-4451	0.013	0.013	mg/M3	U
91-20-3	Naphthalene	C2136-4451	0.015	0.015	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C2136-4451	0.012	0.012	mg/M3	U
1634-04-4	MTBE	C2136-4451	0.018	0.018	mg/M3	U
78-93-3	2-Butanone	C2136-4451	0.055	0.055	mg/M3	U
591-78-6	2-Hexanone	C2136-4451	0.053	0.053	mg/M3	U
108-10-1	4-Methyl-2-pentanone	C2136-4451	0.059	0.059	mg/M3	U
67-64-1	Acetone	C2136-4451	0.056	0.056	mg/M3	U

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04/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0604059-1
Client Sample ID: NUS-P&T-Canister #1 Input
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 04/08/2006

Collected: 04/04/2006 13:30
Volume: 6.29 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2136-4451	98.1 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2136-4451	101.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2136-4451	101.0 %	(73 - 120)	

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04/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0604059-2
Client Sample ID: NUS-P&T-Canister #2 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 04/08/2006

Collected: 04/04/2006 13:30
Volume: 5.1 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2136-4452	0.021	0.021	mg/M3	U
74-87-3	Chloromethane	C2136-4452	0.022	0.022	mg/M3	U
75-01-4	Vinyl Chloride	C2136-4452	0.021	0.021	mg/M3	U
74-83-9	Bromomethane	C2136-4452	0.026	0.026	mg/M3	U
75-00-3	Chloroethane	C2136-4452	0.039	0.039	mg/M3	U
75-69-4	Trichlorofluoromethane	C2136-4452	0.020	0.020	mg/M3	U
75-35-4	1,1-Dichloroethene	C2136-4452	0.023	0.023	mg/M3	U
75-09-2	Methylene Chloride	C2136-4452	0.023	0.023	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C2136-4452	0.020	0.020	mg/M3	U
75-34-3	1,1-Dichloroethane	C2136-4452	0.023	0.023	mg/M3	U
590-20-7	2,2-Dichloropropane	C2136-4452	0.014	0.014	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C2136-4452	0.020	**1.03**	mg/M3	
67-66-3	Chloroform	C2136-4452	0.022	0.022	mg/M3	U
74-97-5	Bromochloromethane	C2136-4452	0.020	0.020	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C2136-4452	0.021	0.021	mg/M3	U
563-58-6	1,1-Dichloropropene	C2136-4452	0.020	0.020	mg/M3	U
56-23-5	Carbon Tetrachloride	C2136-4452	0.020	0.020	mg/M3	U
107-06-2	1,2 Dichloroethane	C2136-4452	0.021	0.021	mg/M3	U
71-43-2	Benzene	C2136-4452	0.021	0.021	mg/M3	U
79-01-6	Trichloroethene	C2136-4452	0.020	**0.053**	mg/M3	Y
78-87-5	1,2-Dichloropropane	C2136-4452	0.019	0.019	mg/M3	U
75-27-4	Bromodichloromethane	C2136-4452	0.020	0.020	mg/M3	U
74-95-3	Dibromomethane	C2136-4452	0.020	0.020	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C2136-4452	0.016	0.016	mg/M3	U
108-88-3	Toluene	C2136-4452	0.016	0.016	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C2136-4452	0.019	0.019	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C2136-4452	0.025	0.025	mg/M3	U
142-28-9	1,3-Dichloropropane	C2136-4452	0.019	0.019	mg/M3	U
127-18-4	Tetrachloroethene	C2136-4452	0.019	0.019	mg/M3	U
124-48-1	Dibromochloromethane	C2136-4452	0.020	0.020	mg/M3	U
106-93-4	1,2-Dibromoethane	C2136-4452	0.021	0.021	mg/M3	U
108-90-7	Chlorobenzene	C2136-4452	0.021	0.021	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C2136-4452	0.020	0.020	mg/M3	U
100-41-4	Ethylbenzene	C2136-4452	0.021	0.021	mg/M3	U

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04/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0604059-2
Client Sample ID: NUS-P&T-Canister #2 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 04/08/2006

Collected: 04/04/2006 13:30
Volume: 5.1 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	C2136-4452	0.034	0.034	mg/M3	U
95-47-6	o-xylene	C2136-4452	0.020	0.020	mg/M3	U
100-42-5	Styrene	C2136-4452	0.018	0.018	mg/M3	U
98-82-8	Isopropylbenzene	C2136-4452	0.019	0.019	mg/M3	U
75-25-2	Bromoform	C2136-4452	0.020	0.020	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C2136-4452	0.024	0.024	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C2136-4452	0.032	0.032	mg/M3	U
103-65-1	n-Propylbenzene	C2136-4452	0.019	0.019	mg/M3	U
108-86-1	Bromobenzene	C2136-4452	0.020	0.020	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C2136-4452	0.016	0.016	mg/M3	U
95-49-8	2-Chlorotoluene	C2136-4452	0.018	0.018	mg/M3	U
106-43-4	4-Chlorotoluene	C2136-4452	0.018	0.018	mg/M3	U
99-87-6	4-Isopropyltoluene	C2136-4452	0.016	0.016	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C2136-4452	0.016	0.016	mg/M3	U
135-98-8	sec-Butylbenzene	C2136-4452	0.017	0.017	mg/M3	U
98-06-6	tert-Butylbenzene	C2136-4452	0.016	0.016	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C2136-4452	0.019	0.019	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C2136-4452	0.019	0.019	mg/M3	U
104-51-8	n-Butylbenzene	C2136-4452	0.017	0.017	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C2136-4452	0.019	0.019	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C2136-4452	0.019	0.019	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C2136-4452	0.016	0.016	mg/M3	U
87-68-3	Hexachlorobutadiene	C2136-4452	0.016	0.016	mg/M3	U
91-20-3	Naphthalene	C2136-4452	0.018	0.018	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C2136-4452	0.015	0.015	mg/M3	U
1634-04-4	MTBE	C2136-4452	0.022	0.022	mg/M3	U
78-93-3	2-Butanone	C2136-4452	0.068	0.068	mg/M3	U
591-78-6	2-Hexanone	C2136-4452	0.065	0.065	mg/M3	U
108-10-1	4-Methyl-2-pentanone	C2136-4452	0.073	0.073	mg/M3	U
67-64-1	Acetone	C2136-4452	0.069	0.069	mg/M3	U

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04/10/2006

Volatiles - EPA 8260B in AIR

Sample: 0604059-2
Client Sample ID: NUS-P&T-Canister #2 Output
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 04/08/2006

Collected: 04/04/2006 13:30
Volume: 5.1 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2136-4452	99.1 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2136-4452	101.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2136-4452	101.0 %	(73 - 120)	

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04/10/2006

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

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04/10/2006

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration standard concentration.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

NA - Not Applicable

NR - Not Required

* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

x - Outside Expected Range

ETL
Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
631-249-1456 • Fax: 631-249-8344

04/04/06 CH

ANSC

0604059

Rec'vd Date: 04/04/06 15:03

S 6125

Project Name: NUS/ANSON | Project Manager: JOHN TEGINS | Sampler (Signature): John Tegins (Print): JOHN TEGINS

Project Address: 771 NEW YORK AVE, HUNTINGTON, NY 11743

Client ANSON | J/N: 03023-2 | ☐ Rush by / /

SAMPLE INFO Type: SS = Split Spoon, G = Grab, C = Composite, B = Blank; Matrix: L = Liquid, S = Soil, SL = Sludge, A* = Air, W = Wipe | *Air - Vol. (Liters) - include Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH
1	04/04/06	1330	G	A*	NUS-P&T-CANISTER #1 INPUT	1				1						
2																
3	04/04/06	1330	G	A*	NUS-P&T-CANISTER #2 OUTPUT	1				1						
4																
5	04/04/06	1330	G	A*	NUS-SVES-CANISTER #1 INPUT	1				1						
6																
7	04/04/06	1330	G	A*	NUS-SVES-CANISTER #2 OUTPUT	1				1						
8																
9																
10																
11																
12																
13																
14																
15																

CLIENT COPY

Relinquished by (Signature): John Tegins	Date 04/04/06 Time 1503	Printed Name & Agent: JOHN TEGINS / ANSON	Received by (Signature):	Date / Time	Printed Name & Agent
Relinquished by (Signature):	Date / Time	Printed Name & Agent:	Received for Lab by (Signature): Joe Borrello	Date 4/04/06 Time 1503	Printed Name Joe Borrello
Comments & Special Instructions: FAX = 631-351-3615	QA/QC Type:	Number & Type of Containers: 4 - 5 LITER AIR BAGS	Preservatives: NONE	Temp: —	

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/15/2006

Laboratory Identifier: 0605182

Custody Document: P4479
Received: 05/08/2006 14:07
Sampled by: John Tegins

Client: Anson Environmental Inc

771 New York Avenue
Huntington,
NY 11743

Project: Nassau Uniform

525 Ray Street
Freeport,
NY

Manager: Dean Anson

Respectfully submitted,

Juan R. Cubas

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
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05/15/2006

Volatiles - EPA 8260B in AIR

Sample: 0605182-1

Client Sample ID: NUS P&T CANISTER #1 INPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 05/12/2006

Collected: 05/08/2006 12:00
Volume: 5.51 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	A2157-5511	0.0092	0.0092	mg/M3	U
74-87-3	Chloromethane	A2157-5511	0.020	0.020	mg/M3	U
75-01-4	Vinyl Chloride	A2157-5511	0.010	0.010	mg/M3	U
74-83-9	Bromomethane	A2157-5511	0.014	0.014	mg/M3	U
75-00-3	Chloroethane	A2157-5511	0.020	0.020	mg/M3	U
75-69-4	Trichlorofluoromethane	A2157-5511	0.0092	0.0092	mg/M3	U
75-35-4	1,1-Dichloroethene	A2157-5511	0.010	0.010	mg/M3	U
75-09-2	Methylene Chloride	A2157-5511	0.012	0.012	mg/M3	U
156-60-5	t-1,2-Dichloroethene	A2157-5511	0.010	0.010	mg/M3	U
75-34-3	1,1-Dichloroethane	A2157-5511	0.0098	0.0098	mg/M3	U
590-20-7	2,2-Dichloropropane	A2157-5511	0.013	0.013	mg/M3	U
156-59-2	c-1,2-Dichloroethene	A2157-5511	0.012	**0.93**	mg/M3	
67-66-3	Chloroform	A2157-5511	0.011	0.011	mg/M3	U
74-97-5	Bromochloromethane	A2157-5511	0.017	0.017	mg/M3	U
71-55-6	1,1,1-Trichloroethane	A2157-5511	0.012	0.012	mg/M3	U
563-58-6	1,1-Dichloropropene	A2157-5511	0.0057	0.0057	mg/M3	U
56-23-5	Carbon Tetrachloride	A2157-5511	0.0082	0.0082	mg/M3	U
107-06-2	1,2 Dichloroethane	A2157-5511	0.0087	0.0087	mg/M3	U
71-43-2	Benzene	A2157-5511	0.0092	0.0092	mg/M3	U
79-01-6	Trichloroethene	A2157-5511	0.0076	**0.25**	mg/M3	
78-87-5	1,2-Dichloropropane	A2157-5511	0.013	0.013	mg/M3	U
75-27-4	Bromodichloromethane	A2157-5511	0.012	0.012	mg/M3	U
74-95-3	Dibromomethane	A2157-5511	0.011	0.011	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	A2157-5511	0.011	0.011	mg/M3	U
108-88-3	Toluene	A2157-5511	0.011	0.011	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	A2157-5511	0.011	0.011	mg/M3	U
79-00-5	1,1,2-Trichloroethane	A2157-5511	0.011	0.011	mg/M3	U
142-28-9	1,3-Dichloropropane	A2157-5511	0.010	0.010	mg/M3	U
127-18-4	Tetrachloroethene	A2157-5511	0.0049	**0.80**	mg/M3	
124-48-1	Dibromochloromethane	A2157-5511	0.012	0.012	mg/M3	U
106-93-4	1,2-Dibromoethane	A2157-5511	0.0098	0.0098	mg/M3	U
108-90-7	Chlorobenzene	A2157-5511	0.0098	0.0098	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	A2157-5511	0.012	0.012	mg/M3	U
100-41-4	Ethylbenzene	A2157-5511	0.012	0.012	mg/M3	U

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/15/2006

Volatiles - EPA 8260B in AIR

Sample: 0605182-1

Client Sample ID: NUS P&T CANISTER #1 INPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 05/12/2006

Collected: 05/08/2006 12:00
Volume: 5.51 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	A2157-5511	0.021	0.021	mg/M3	U
95-47-6	o-xylene	A2157-5511	0.012	0.012	mg/M3	U
100-42-5	Styrene	A2157-5511	0.0090	0.0090	mg/M3	U
98-82-8	Isopropylbenzene	A2157-5511	0.0090	0.0090	mg/M3	U
75-25-2	Bromoform	A2157-5511	0.013	0.013	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	A2157-5511	0.015	0.015	mg/M3	U
96-18-4	1,2,3-Trichloropropane	A2157-5511	0.019	0.019	mg/M3	U
103-65-1	n-Propylbenzene	A2157-5511	0.0098	0.0098	mg/M3	U
108-86-1	Bromobenzene	A2157-5511	0.010	0.010	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	A2157-5511	0.0092	0.0092	mg/M3	U
95-49-8	2-Chlorotoluene	A2157-5511	0.012	0.012	mg/M3	U
106-43-4	4-Chlorotoluene	A2157-5511	0.013	0.013	mg/M3	U
99-87-6	4-Isopropyltoluene	A2157-5511	0.010	0.010	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	A2157-5511	0.010	0.010	mg/M3	U
135-98-8	sec-Butylbenzene	A2157-5511	0.011	0.011	mg/M3	U
98-06-6	tert-Butylbenzene	A2157-5511	0.013	0.013	mg/M3	U
541-73-1	1,3 Dichlorobenzene	A2157-5511	0.012	0.012	mg/M3	U
106-46-7	1,4-Dichlorobenzene	A2157-5511	0.013	0.013	mg/M3	U
104-51-8	n-Butylbenzene	A2157-5511	0.011	0.011	mg/M3	U
95-50-1	1,2-Dichlorobenzene	A2157-5511	0.011	0.011	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	A2157-5511	0.019	0.019	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	A2157-5511	0.011	0.011	mg/M3	U
87-68-3	Hexachlorobutadiene	A2157-5511	0.013	0.013	mg/M3	U
91-20-3	Naphthalene	A2157-5511	0.015	0.015	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	A2157-5511	0.014	0.014	mg/M3	U
1634-04-4	MTBE	A2157-5511	0.011	0.011	mg/M3	U
78-93-3	2-Butanone	A2157-5511	0.026	0.026	mg/M3	U
591-78-6	2-Hexanone	A2157-5511	0.0084	0.0084	mg/M3	U
108-10-1	4-Methyl-2-pentanone	A2157-5511	0.013	0.013	mg/M3	U
67-64-1	Acetone	A2157-5511	0.021	0.021	mg/M3	U

Environmental Testing Laboratories, Inc.

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05/15/2006

Volatiles - EPA 8260B in AIR

Sample: 0605182-1

Client Sample ID: NUS P&T CANISTER #1 INPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 05/12/2006

Collected: 05/08/2006 12:00
Volume: 5.51 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	A2157-5511	98.9 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	A2157-5511	104.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	A2157-5511	101.0 %	(73 - 120)	

Environmental Testing Laboratories, Inc.

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05/15/2006

Volatiles - EPA 8260B in AIR

Sample: 0605182-2

Client Sample ID: NUS P&T CANISTER #2 OUTPUT
Collected: 05/08/2006 12:00
Matrix: Air
Type: Grab
Volume: 4.7 L
Remarks: See Case Narrative
Analyzed Date: 05/12/2006

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	A2157-5512	0.011	0.011	mg/M3	U
74-87-3	Chloromethane	A2157-5512	0.023	0.023	mg/M3	U
75-01-4	Vinyl Chloride	A2157-5512	0.012	0.012	mg/M3	U
74-83-9	Bromomethane	A2157-5512	0.017	0.017	mg/M3	U
75-00-3	Chloroethane	A2157-5512	0.024	0.024	mg/M3	U
75-69-4	Trichlorofluoromethane	A2157-5512	0.011	0.011	mg/M3	U
75-35-4	1,1-Dichloroethene	A2157-5512	0.012	0.012	mg/M3	U
75-09-2	Methylene Chloride	A2157-5512	0.014	0.014	mg/M3	U
156-60-5	t-1,2-Dichloroethene	A2157-5512	0.012	0.012	mg/M3	U
75-34-3	1,1-Dichloroethane	A2157-5512	0.011	0.011	mg/M3	U
590-20-7	2,2-Dichloropropane	A2157-5512	0.015	0.015	mg/M3	U
156-59-2	c-1,2-Dichloroethene	A2157-5512	0.014	**0.80**	mg/M3	
67-66-3	Chloroform	A2157-5512	0.012	0.012	mg/M3	U
74-97-5	Bromochloromethane	A2157-5512	0.019	0.019	mg/M3	U
71-55-6	1,1,1-Trichloroethane	A2157-5512	0.014	0.014	mg/M3	U
563-58-6	1,1-Dichloropropene	A2157-5512	0.0067	0.0067	mg/M3	U
56-23-5	Carbon Tetrachloride	A2157-5512	0.0096	0.0096	mg/M3	U
107-06-2	1,2 Dichloroethane	A2157-5512	0.010	0.010	mg/M3	U
71-43-2	Benzene	A2157-5512	0.011	0.011	mg/M3	U
79-01-6	Trichloroethene	A2157-5512	0.0089	**0.10**	mg/M3	Y
78-87-5	1,2-Dichloropropane	A2157-5512	0.016	0.016	mg/M3	U
75-27-4	Bromodichloromethane	A2157-5512	0.014	0.014	mg/M3	U
74-95-3	Dibromomethane	A2157-5512	0.013	0.013	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	A2157-5512	0.013	0.013	mg/M3	U
108-88-3	Toluene	A2157-5512	0.013	0.013	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	A2157-5512	0.013	0.013	mg/M3	U
79-00-5	1,1,2-Trichloroethane	A2157-5512	0.013	0.013	mg/M3	U
142-28-9	1,3-Dichloropropane	A2157-5512	0.012	0.012	mg/M3	U
127-18-4	Tetrachloroethene	A2157-5512	0.0057	**0.057**	mg/M3	Y
124-48-1	Dibromochloromethane	A2157-5512	0.014	0.014	mg/M3	U
106-93-4	1,2-Dibromoethane	A2157-5512	0.011	0.011	mg/M3	U
108-90-7	Chlorobenzene	A2157-5512	0.011	0.011	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	A2157-5512	0.014	0.014	mg/M3	U
100-41-4	Ethylbenzene	A2157-5512	0.014	0.014	mg/M3	U

Environmental Testing Laboratories, Inc.

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05/15/2006

Volatiles - EPA 8260B in AIR

Sample: 0605182-2

Client Sample ID: NUS P&T CANISTER #2 OUTPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 05/12/2006

Collected: 05/08/2006 12:00
Volume: 4.7 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	A2157-5512	0.025	0.025	mg/M3	U
95-47-6	o-xylene	A2157-5512	0.014	0.014	mg/M3	U
100-42-5	Styrene	A2157-5512	0.011	0.011	mg/M3	U
98-82-8	Isopropylbenzene	A2157-5512	0.011	0.011	mg/M3	U
75-25-2	Bromoform	A2157-5512	0.015	0.015	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	A2157-5512	0.018	0.018	mg/M3	U
96-18-4	1,2,3-Trichloropropane	A2157-5512	0.023	0.023	mg/M3	U
103-65-1	n-Propylbenzene	A2157-5512	0.011	0.011	mg/M3	U
108-86-1	Bromobenzene	A2157-5512	0.012	0.012	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	A2157-5512	0.011	0.011	mg/M3	U
95-49-8	2-Chlorotoluene	A2157-5512	0.014	0.014	mg/M3	U
106-43-4	4-Chlorotoluene	A2157-5512	0.015	0.015	mg/M3	U
99-87-6	4-Isopropyltoluene	A2157-5512	0.012	0.012	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	A2157-5512	0.012	0.012	mg/M3	U
135-98-8	sec-Butylbenzene	A2157-5512	0.013	0.013	mg/M3	U
98-06-6	tert-Butylbenzene	A2157-5512	0.015	0.015	mg/M3	U
541-73-1	1,3 Dichlorobenzene	A2157-5512	0.014	0.014	mg/M3	U
106-46-7	1,4-Dichlorobenzene	A2157-5512	0.015	0.015	mg/M3	U
104-51-8	n-Butylbenzene	A2157-5512	0.012	0.012	mg/M3	U
95-50-1	1,2-Dichlorobenzene	A2157-5512	0.013	0.013	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	A2157-5512	0.022	0.022	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	A2157-5512	0.013	0.013	mg/M3	U
87-68-3	Hexachlorobutadiene	A2157-5512	0.016	0.016	mg/M3	U
91-20-3	Naphthalene	A2157-5512	0.017	0.017	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	A2157-5512	0.017	0.017	mg/M3	U
1634-04-4	MTBE	A2157-5512	0.013	0.013	mg/M3	U
78-93-3	2-Butanone	A2157-5512	0.031	0.031	mg/M3	U
591-78-6	2-Hexanone	A2157-5512	0.0099	0.0099	mg/M3	U
108-10-1	4-Methyl-2-pentanone	A2157-5512	0.016	0.016	mg/M3	U
67-64-1	Acetone	A2157-5512	0.025	0.025	mg/M3	U

Environmental Testing Laboratories, Inc.

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05/15/2006

Volatiles - EPA 8260B in AIR

Sample: 0605182-2
Client Sample ID: NUS P&T CANISTER #2 OUTPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 05/12/2006

Collected: 05/08/2006 12:00
Volume: 4.7 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	A2157-5512	99.5 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	A2157-5512	103.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	A2157-5512	101.0 %	(73 - 120)	

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05/15/2006

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

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05/15/2006

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration standard concentration.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

ETL

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CHAIN OF CUSTODY DOCUMENT

05/08/06

5182

P 04479

Project Name: NISSAN UNIFORM	Project Manager: JOHN TEGINS	Sampler (Signature): John Tegins (Print): JOHN TEGINS
Project Address: ANSON ENVIRONMENTAL LTD 771 NEW YORK AVE. HUNTINGTON, NY 11743		
Client: NUS J/N: 03023-2	☐ Rush by / /	

SAMPLE INFO — Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank. Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe. *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH
1	05/08/06	1200	~~AIR~~ GRAB	AIR	NUS P&T CANISTER # 1 INPUT	1										
2																
3	05/08/06	1200	G	AIR	NUS P&T CANISTER #2 OUTPUT	1										
4																
5	05/08/06	1200	G	AIR	NUS SVES CANISTER #1 INPUT	1										
6																
7	05/08/06	1200	G	AIR	NUS SVES CANISTER #2 OUTPUT	1										
8																
9																
10																
11																
12																
13																
14																
15																

Relinquished by (Signature): John Tegins	Date 05/08/06 Time 1345	Printed Name & Agent: JOHN TEGINS ANSON ENV.	Received by (Signature):	Date Time	Printed Name & Agent
Relinquished by (Signature):	Date Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 5/8 Time 13:44	Printed Name K. Lubeck
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers: 5 LITE 4 TEDLAR AIR BAGS	Preservatives:	Temp: 5

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

06/14/2006

Laboratory Identifier: 0606149
Received: 06/07/2006 13:58
Sampled by: John Tegins

Client: Anson Environmental Inc
771 New York Avenue
Huntington,
NY 11743

Project: Anson Environmental
771 New York Avenue
Huntington,
NY
Area: 03023-2

Manager: John Tegins

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

Environmental Testing Laboratories, Inc.

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06/14/2006

Volatiles - EPA 8260B in AIR

Sample: 0606149-3
Client Sample ID: P & T CANISTER #1 INPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/13/2006

Collected: 06/07/2006 13:00
Volume: 5.84 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2208-5847	0.018	0.018	mg/M3	U
74-87-3	Chloromethane	C2208-5847	0.019	0.019	mg/M3	U
75-01-4	Vinyl Chloride	C2208-5847	0.019	**0.086**	mg/M3	Y
74-83-9	Bromomethane	C2208-5847	0.023	0.023	mg/M3	U
75-00-3	Chloroethane	C2208-5847	0.034	0.034	mg/M3	U
75-69-4	Trichlorofluoromethane	C2208-5847	0.018	0.018	mg/M3	U
75-35-4	1,1-Dichloroethene	C2208-5847	0.020	0.020	mg/M3	U
75-09-2	Methylene Chloride	C2208-5847	0.020	0.020	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C2208-5847	0.017	0.017	mg/M3	U
75-34-3	1,1-Dichloroethane	C2208-5847	0.020	0.020	mg/M3	U
590-20-7	2,2-Dichloropropane	C2208-5847	0.013	0.013	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C2208-5847	0.017	**0.59**	mg/M3	
67-66-3	Chloroform	C2208-5847	0.020	0.020	mg/M3	U
74-97-5	Bromochloromethane	C2208-5847	0.018	0.018	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C2208-5847	0.019	0.019	mg/M3	U
563-58-6	1,1-Dichloropropene	C2208-5847	0.018	0.018	mg/M3	U
56-23-5	Carbon Tetrachloride	C2208-5847	0.017	0.017	mg/M3	U
107-06-2	1,2 Dichloroethane	C2208-5847	0.018	0.018	mg/M3	U
71-43-2	Benzene	C2208-5847	0.019	0.019	mg/M3	U
79-01-6	Trichloroethene	C2208-5847	0.018	**0.17**	mg/M3	
78-87-5	1,2-Dichloropropane	C2208-5847	0.017	0.017	mg/M3	U
75-27-4	Bromodichloromethane	C2208-5847	0.017	0.017	mg/M3	U
74-95-3	Dibromomethane	C2208-5847	0.018	0.018	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C2208-5847	0.014	0.014	mg/M3	U
108-88-3	Toluene	C2208-5847	0.014	0.014	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C2208-5847	0.016	0.016	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C2208-5847	0.022	0.022	mg/M3	U
142-28-9	1,3-Dichloropropane	C2208-5847	0.017	0.017	mg/M3	U
127-18-4	Tetrachloroethene	C2208-5847	0.016	**0.48**	mg/M3	
124-48-1	Dibromochloromethane	C2208-5847	0.017	0.017	mg/M3	U
106-93-4	1,2-Dibromoethane	C2208-5847	0.018	0.018	mg/M3	U
108-90-7	Chlorobenzene	C2208-5847	0.018	0.018	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C2208-5847	0.017	0.017	mg/M3	U
100-41-4	Ethylbenzene	C2208-5847	0.018	0.018	mg/M3	U

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

06/14/2006

Volatiles - EPA 8260B in AIR

Sample: 0606149-3
Client Sample ID: P & T CANISTER #1 INPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/13/2006

Collected: 06/07/2006 13:00
Volume: 5.84 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	C2208-5847	0.030	0.030	mg/M3	U
95-47-6	o-xylene	C2208-5847	0.017	0.017	mg/M3	U
100-42-5	Styrene	C2208-5847	0.015	0.015	mg/M3	U
98-82-8	Isopropylbenzene	C2208-5847	0.016	0.016	mg/M3	U
75-25-2	Bromoform	C2208-5847	0.017	0.017	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C2208-5847	0.021	0.021	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C2208-5847	0.028	0.028	mg/M3	U
103-65-1	n-Propylbenzene	C2208-5847	0.016	0.016	mg/M3	U
108-86-1	Bromobenzene	C2208-5847	0.017	0.017	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C2208-5847	0.014	0.014	mg/M3	U
95-49-8	2-Chlorotoluene	C2208-5847	0.016	0.016	mg/M3	U
106-43-4	4-Chlorotoluene	C2208-5847	0.015	0.015	mg/M3	U
99-87-6	4-Isopropyltoluene	C2208-5847	0.014	0.014	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C2208-5847	0.014	0.014	mg/M3	U
135-98-8	sec-Butylbenzene	C2208-5847	0.015	0.015	mg/M3	U
98-06-6	tert-Butylbenzene	C2208-5847	0.014	0.014	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C2208-5847	0.016	0.016	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C2208-5847	0.017	0.017	mg/M3	U
104-51-8	n-Butylbenzene	C2208-5847	0.015	0.015	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C2208-5847	0.016	0.016	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C2208-5847	0.016	0.016	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C2208-5847	0.014	0.014	mg/M3	U
87-68-3	Hexachlorobutadiene	C2208-5847	0.014	0.014	mg/M3	U
91-20-3	Naphthalene	C2208-5847	0.016	0.016	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C2208-5847	0.013	0.013	mg/M3	U
1634-04-4	MTBE	C2208-5847	0.019	0.019	mg/M3	U
78-93-3	2-Butanone	C2208-5847	0.059	0.059	mg/M3	U
591-78-6	2-Hexanone	C2208-5847	0.057	0.057	mg/M3	U
108-10-1	4-Methyl-2-pentanone	C2208-5847	0.064	0.064	mg/M3	U
67-64-1	Acetone	C2208-5847	0.061	0.061	mg/M3	U

Environmental Testing Laboratories, Inc.

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06/14/2006

Volatiles - EPA 8260B in AIR

Sample: 0606149-3

Client Sample ID: P & T CANISTER #1 INPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/13/2006

Collected: 06/07/2006 13:00
Volume: 5.84 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2208-5847	99.3 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2208-5847	90.1 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2208-5847	93.6 %	(73 - 120)	

Environmental Testing Laboratories, Inc.

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06/14/2006

Volatiles - EPA 8260B in AIR

Sample: 0606149-4
Client Sample ID: P & T CANISTER #2 OUTPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/13/2006

Collected: 06/07/2006 13:00
Volume: 4.19 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2208-5848	0.025	0.025	mg/M3	U
74-87-3	Chloromethane	C2208-5848	0.027	0.027	mg/M3	U
75-01-4	Vinyl Chloride	C2208-5848	0.026	**0.035**	mg/M3	Y
74-83-9	Bromomethane	C2208-5848	0.032	0.032	mg/M3	U
75-00-3	Chloroethane	C2208-5848	0.048	0.048	mg/M3	U
75-69-4	Trichlorofluoromethane	C2208-5848	0.025	0.025	mg/M3	U
75-35-4	1,1-Dichloroethene	C2208-5848	0.028	0.028	mg/M3	U
75-09-2	Methylene Chloride	C2208-5848	0.028	0.028	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C2208-5848	0.024	0.024	mg/M3	U
75-34-3	1,1-Dichloroethane	C2208-5848	0.028	0.028	mg/M3	U
590-20-7	2,2-Dichloropropane	C2208-5848	0.018	0.018	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C2208-5848	0.024	**0.69**	mg/M3	
67-66-3	Chloroform	C2208-5848	0.027	0.027	mg/M3	U
74-97-5	Bromochloromethane	C2208-5848	0.025	0.025	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C2208-5848	0.026	0.026	mg/M3	U
563-58-6	1,1-Dichloropropene	C2208-5848	0.025	0.025	mg/M3	U
56-23-5	Carbon Tetrachloride	C2208-5848	0.024	0.024	mg/M3	U
107-06-2	1,2 Dichloroethane	C2208-5848	0.025	0.025	mg/M3	U
71-43-2	Benzene	C2208-5848	0.026	0.026	mg/M3	U
79-01-6	Trichloroethene	C2208-5848	0.025	**0.29**	mg/M3	
78-87-5	1,2-Dichloropropane	C2208-5848	0.023	0.023	mg/M3	U
75-27-4	Bromodichloromethane	C2208-5848	0.024	0.024	mg/M3	U
74-95-3	Dibromomethane	C2208-5848	0.025	0.025	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C2208-5848	0.019	0.019	mg/M3	U
108-88-3	Toluene	C2208-5848	0.020	0.020	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C2208-5848	0.023	0.023	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C2208-5848	0.031	0.031	mg/M3	U
142-28-9	1,3-Dichloropropane	C2208-5848	0.024	0.024	mg/M3	U
127-18-4	Tetrachloroethene	C2208-5848	0.023	**0.15**	mg/M3	Y
124-48-1	Dibromochloromethane	C2208-5848	0.024	0.024	mg/M3	U
106-93-4	1,2-Dibromoethane	C2208-5848	0.025	0.025	mg/M3	U
108-90-7	Chlorobenzene	C2208-5848	0.025	0.025	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C2208-5848	0.024	0.024	mg/M3	U
100-41-4	Ethylbenzene	C2208-5848	0.025	0.025	mg/M3	U

Environmental Testing Laboratories, Inc.

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06/14/2006

Volatiles - EPA 8260B in AIR

Sample: 0606149-4

Client Sample ID: P & T CANISTER #2 OUTPUT
Matrix: Air Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/13/2006

Collected: 06/07/2006 13:00
Volume: 4.19 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-38-3	m,p-xylene	C2208-5848	0.041	0.041	mg/M3	U
95-47-6	o-xylene	C2208-5848	0.024	0.024	mg/M3	U
100-42-5	Styrene	C2208-5848	0.021	0.021	mg/M3	U
98-82-8	Isopropylbenzene	C2208-5848	0.023	0.023	mg/M3	U
75-25-2	Bromoform	C2208-5848	0.024	0.024	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C2208-5848	0.029	0.029	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C2208-5848	0.039	0.039	mg/M3	U
103-65-1	n-Propylbenzene	C2208-5848	0.023	0.023	mg/M3	U
108-86-1	Bromobenzene	C2208-5848	0.024	0.024	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C2208-5848	0.020	0.020	mg/M3	U
95-49-8	2-Chlorotoluene	C2208-5848	0.022	0.022	mg/M3	U
106-43-4	4-Chlorotoluene	C2208-5848	0.021	0.021	mg/M3	U
99-87-6	4-Isopropyltoluene	C2208-5848	0.019	0.019	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C2208-5848	0.019	0.019	mg/M3	U
135-98-8	sec-Butylbenzene	C2208-5848	0.021	0.021	mg/M3	U
98-06-6	tert-Butylbenzene	C2208-5848	0.020	0.020	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C2208-5848	0.023	0.023	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C2208-5848	0.024	0.024	mg/M3	U
104-51-8	n-Butylbenzene	C2208-5848	0.021	0.021	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C2208-5848	0.023	0.023	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C2208-5848	0.023	0.023	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C2208-5848	0.020	0.020	mg/M3	U
87-68-3	Hexachlorobutadiene	C2208-5848	0.019	0.019	mg/M3	U
91-20-3	Naphthalene	C2208-5848	0.022	0.022	mg/M3	U
87-61-6	1,2,3-Trichlorobenzene	C2208-5848	0.018	0.018	mg/M3	U
1634-04-4	MTBE	C2208-5848	0.026	0.026	mg/M3	U
78-93-3	2-Butanone	C2208-5848	0.083	0.083	mg/M3	U
591-78-6	2-Hexanone	C2208-5848	0.079	0.079	mg/M3	U
108-10-1	4-Methyl-2-pentanone	C2208-5848	0.089	0.089	mg/M3	U
67-64-1	Acetone	C2208-5848	0.084	0.084	mg/M3	U

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06/14/2006

Volatiles - EPA 8260B in AIR

Sample: 0606149-4

Client Sample ID: P & T CANISTER #2 OUTPUT
Collected: 06/07/2006 13:00
Matrix: Air
Type: Grab
Volume: 4.19 L
Remarks: See Case Narrative
Analyzed Date: 06/13/2006

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2208-5848	98.6 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2208-5848	91.7 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2208-5848	93.1 %	(73 - 120)	

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06/14/2006

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

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06/14/2006

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration standard concentration.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

NA - Not Applicable

NR - Not Required

* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

x - Outside Expected Range

06 49

0606149

Rec'vd Date: 06/07/06 13:58

CHAIN OF CUSTODY DOCUMENT

6/7/06

S 6122

Project Name: ANSON ENVIRON. | Project Manager: JOHN TEGINS | Sampler (Signature): John Tegins (Print): JOHN TEGINS

Project Address: 771 NEW YORK AVE. HUNTINGTON, NY 11743

Client NUS J/N: 03023-2 ☐ Rush by / /

SAMPLE INFO Type SS = Split Spoon; G = Grab, C = Composite; B = Blank; Matrix L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe; *Air - Vol. (Liters) include: Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	Total. # Cont.	601/602	BTX/BTEX	MTBE	624/8260/8021	625/8270/BN	PCB/Pesticides	Pet.Prods./8100M	RCRA Metals	pH/Flash/React	418.1 - TRPH
1	6/7/06	1300	G	*A	SVES CANISTER #1 INPUT	1			1							
2	〃	〃	〃	〃	SVES CANISTER #2 OUTPUT	1			1							
3	〃	〃	〃	〃	P&T CANISTER #1 INPUT	1			1							
4	〃	〃	〃	〃	P&T CANISTER #2 OUTPUT	1			1							
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Relinquished by (Signature): John Tegins	Date 6/7/06 Time 1400	Printed Name & Agent: JOHN TEGINS ANSON ENVIRONMENTAL	Received by (Signature):	Date Time	Printed Name & Agent
Relinquished by (Signature):	Date Time	Printed Name & Agent:	Received for Lab by (Signature):	Date 6/7 Time 13 58	Printed Name K. L. G. Becker
Comments & Special Instructions		QA/QC Type:	Number & Type of Containers: 4 - 5 liter TEDLAR AIR BAGS	Preservatives: NONE	Temp: