TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

SEMS DocID 2332249

DATE SAMPLED [redacted] 8/2/93 SAMPLER [redacted] CAR / / BOAT / / SPLIT /X/

"non responsive based on revised scope"

REQUESTER Solid Waste RESULTS TO [redacted]

"non responsive based on revised scope"

SAMPLE TYPE: STREAM ____ WELL X DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME NSWF-I Pigeon Point NPDES DE - ____

ADDRESS ____

SAMPLING MODE GRAB /X/ COMPOSITE MFG. ____ S/N ____
FROM: YR ____ MO ____ DAY ____ HR ____
BASIN ____ TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

COMMENTS/INSTRUCTION Metals + TDS NOT FILTERED -
pls. Filter thru .45. Metals not acidified
Lost TDS for well EmH pls take from Quality

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP., °C. WTR	TEMP., °C. AIR	CHLOR RES.	FLOW	DEPTH, FT.
2946	Well EmH						
2947	Well SWL						
2948	Well WmH						
2949	Well 25R						
2950	Well 27R						
2951	Well - 28						
2952	Well - 37A						

ORIGINAL (Red)

STATE OF DELAWARE

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

AUG 3 1 1983

SPECIAL ANALYTICAL REQUEST

DATE SAMPLED: 8/2/83 SAMPLED BY: [redacted] "non responsive based on revised scope" RESULTS TO: Solid Waste

COMPLETION DATE: 8-29-83 ANALYST: [redacted] "non responsive based on revised scope" APPROVED: [redacted] "non responsive based on revised scope"

ANALYTICAL REQUEST: See back

LOG NO.	SAMPLE DESCRIPTION
2948	WMH
2946	EMH
2947	SWL
2953	Blank

DATA REPORT:

ORIGINAL (Red)

Ev 1 SWL Wmth 25R 27R 28 37A

ANALYSIS REQUEST

LABORATORY LOG NO.	2946	2947	2948	2949	2950	2951	2952	
% SATURATION								
DIS. OXYGEN, mg/1								
BOD, mg/1								
COD, mg/1								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC. COND., umhos/cm	12600	10000	9000	1200	2180	2000	1340	
pH in Field								
ALK., mg/1 $CaCO_3$	4160	2820	1860	169	169	138	218	
ACIDITY, mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1	1950	1170	1380	1340	450	370	300	
T. NITROGEN, mg/1	538	402	446	5.6	3.6	4.6	2.8	
ORGANIC N., mg/1	18	12	16	0.1	0.1	0.1	0.3	
AMMONIA N., mg/1	520	390	480	5.5	3.5	4.5	2.5	
NITRITE N., mg/1								
NITRATE N., mg/1	0.58	0.76	0.62	0.69	<0.10	0.53	0.33	
SULFATE, mg/1 SO_4								
TOTAL PHOSPHORUS, mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS., mg/1								
N.V. SUSP. SLDS., mg/1								ORIGINAL
V. SUSP. SLDS., mg/1								(Red)
TOTAL SOLIDS, mg/1								
N. V. T. SLDS., mg/1								
VOL. TOT. SLDS., mg/1								
T. DISS. SLDS., mg/1	6615	4617	5463	815	1614	1412	850	
% MOISTURE								
MBAS, mg/1								
GREASE, mg/1								
PHENOLS, ug/1								
TOC, mg/1								
IRON, ug/1	12090	13860	6580	600	7530	5590	33980	
COPPER, ug/1								
MANGANESE, ug/1						19650		
CHROMIUM, ug/1						<30		
SILVER, ug/1						<30		
CALCIUM, ug/1						100400		
ZINC, ug/1						720		
LEAD, ug/1						180		
NICKEL, ug/1								
CADMIUM, ug/1						<5		
MERCURY, ug/1						<1		
ARSENIC, ug/1						<30		
SELENIUM, ug/1						<5		
Boron ug/l						220		
Magnesium ug/l						20000		
T. COLIFORM, #/100 ml								
F. COLIFORM, #/100 ml								
F. STREP. #/100 ml								

SYNTHETIC ORGANIC COMPOUNDS	ug/l COMPOUND			
	SAMPLE NO.			
	2946	2947	2948	2953
Chloromethane, ug/l.				
Bromomethane, ug/l.				
Vinyl Chloride, ug/l.				
Chloroethane, ug/l.				
Methylene Chloride, ug/l.	< 10	< 10	< 10	< 10
Trichlorofluoromethane, ug/l.				
1,1- Dichloroethane, ug/l.				
trans-1,2- Dichloroethylene ug/l.				
Chloroform, ug/l.				
1,2 - Dichloroethane, ug/l.				
1,1,1-Trichloroethane, ug/l.				
Carbon Tetrachloride, ug/l.				
Bromodichloromethane, ug/l.				
1,2-Dichloropropane, ug/l.				
trans-1,3-Dichloropropene ug/l.				
Trichloroethylene, ug/l.	< 10	< 10	< 10	< 10
Dibromochloromethane, ug/l.				
cis -1,3-Dichloropropene ug/l.				
1,1,2-Trichloroethane, ug/l.				
Benzene, ug/l.	27	17	15	< 10
2-Chloroethylvinyl Ether ug/l.				
Bromoform, ug/l.				
Tetrachloroethylene, ug/l.	< 10	< 10	< 10	< 10
1,1,2,2-Tetrachloroethane ug/l.				
Toluene, ug/l.	< 10	< 10	< 10	< 10
Chlorobenzene, ug/l.	890	125	94	< 10
Ethylbenzene, ug/l.	38	31	34	< 10
Acrylonitrile, mg/l.				
1,1- Dichloroethylene, ug/l.				

ORIGINAL (Red)

CHLORINATED PESTICIDE	ug/l COMPOUND SAMPLE NO.
PCB's ug/l	
Polychlorinated biphenyls	
Aldrin, ug/l.	
Dieldrin, ug/l.	
DDE-o,p, ug/l.	
DDE-p,p, ug/l.	
DDD-o,p, ug/l.	
DDD-p,p, ug/l.	
DDT-o,p, ug/l.	
DDT-p,p, ug/l.	
Chlordane-cis isomer, ug/l.	
Chlordane-trans isomer, ug/l.	
cis isomer of nonchlor, ug/l.	
trans isomer of nonchlor, ug/l.	
Endrin, ug/l.	
Methoxychlor, ug/l.	
Hexachlorobenzene, ug/l.	
BHC- A isomer, ug/l.	
BHC-B isomer, ug/l.	
Lindane, ug/l.	
Heptachlor, ug/l.	
Heptachlor epoxide, ug/l.	
Mirex, ug/l.	

STATE OF DELAWARE

AUG 1983

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

SPECIAL ANALYTICAL REQUEST

DATE SAMPLED: 8/1/83 SAMPLED BY: [redacted] RESULTS TO: Solid Waste SD

COMPLETION DATE: 8-29-83 ANALYST: [redacted] APPROVED: [redacted]

ANALYTICAL REQUEST: See back

Pigeon Point NSWF-1

LOG NO.	SAMPLE DESCRIPTION
2913	46
2914	47
2915	48
	49 no water

DATA REPORT:

ORIGINAL (Red)

SYNTHETIC ORGANIC COMPOUNDS	ug/l COMPOUND SAMPLE NO. 46 2913	47 2914	48 2915
Chloromethane, ug/l.			
Bromomethane, ug/l.			
Vinyl Chloride, ug/l.			
Chloroethane, ug/l.			
Methylene Chloride, ug/l.	< 10	<10	<10
Trichlorofluoromethane, ug/l.			
1,1- Dichloroethane, ug/l.			
trans -1,2- Dichloroethylene ug/l.			
Chloroform, ug/l.			
1,2 - Dichloroethane, ug/l.			
1,1,1-Trichloroethane, ug/l			
Carbon Tetrachloride, ug/l.			
Bromodichloromethane, ug/l			
1,2-Dichloropropane, ug/l.			
trans-1,3-Dichloropropene ug/l.			
Trichloroethylene, ug/l.	< 10	<10	<10
Dibromochloromethane, ug/l.			
cis -1,3-Dichloropropene ug/l			
1,1,2-Trichloroethane, ug/l			
Benzene, ug/l	23	<10	<10
2-Chloroethylvinyl Ether ug/l			
Bromoform, ug/l.			
Tetrachloroethylene, ug/l.	< 10	<10	<10
1,1,2,2-Tetrachloroethane ug/l			
Toluene, ug/l	17	<10	<10
Chlorobenzene, ug/l	80	<10	<10
Ethylbenzene, ug/l.	105	85	<10
Acrylonitrile, mg/l			
1,1- Dichloroethylene, ug/l			

CHLORINATED PESTICIDES	ug/l COMPOUND SAMPLE NO.
Polychlorinated biphenyls (PCB's) ug/l	
Aldrin, ug/l.	
Dieldrin, ug/l.	
DDE-o,p, ug/l.	
DDE-p,p, ug/l.	
DDD-o,p, ug/l.	
DDD-p,p, ug/l.	
DDT-o,p, ug/l.	
DDT-p,p, ug/l.	
Chlordane-cis isomer, ug/l.	
Chlordane-trans isomer, ug/l	
cis isomer of nonchlor, ug/l	
trans isomer of nonchlor, ug/	
Endrin, ug/l.	
Methoxychlor, ug/l.	
Hexachlorobenzene, ug/l.	
BHC- A isomer, ug/l.	
BHC-B isomer, ug/l	
Lindane, ug/l.	
Heptachlor, ug/l.	
Heptachlor epoxide, ug/l.	
Mirex, ug/l.	

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED Aug 1, 1983 SAMPLER [redacted] CAR / / BOAT / /

REQUESTER ~~[illegible]~~ Solid Waste RESULTS TO [redacted]

SAMPLE TYPE: STREAM ____ WELL X DOMESTIC WASTE ____ INDUSTRIAL ____ A

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Point NSWF-1 NPDES DE - ____

ADDRESS ____

SAMPLING MODE GRAB / X / COMPOSITE FROM: TO: MFG. ____ S/N ____ YR ____ MO ____ DAY ____ H YR ____ MO ____ DAY ____ H

BASIN ____

TIDE ____ THIO ADDED TO ____

COMMENTS/INSTRUCTION Metals & TDS Not Filtered - f
Filter thru .45 M

ORIGINAL
(Red)

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP., °C. WTR	TEMP., °C. AIR	CHLOR RES.	FLOW
2911	26R					
2912	41A					
2913	46					
2914	47					
2915	48					

RECEI
AUG 22
STATE OF DEL
OFFICE OF SOLI

DATE & TIME ACCEPTED 8/2/83 0805 ACCEPTED BY [redacted]

APPROVED BY [redacted]

APPROVED BY ____ (Laboratory

DATE AUG 1

COST CENTER				
AP	RC	PE	FF	
WP	RD X	MN	FW	
WS	DR	DA		

Doc # 40-08/81/10/1

24L 41A 46 47 48

ANALYSIS REQUEST

LABORATORY LOG NO.	2911	2912	2913	2914	2915			
% SATURATION								
DIS. OXYGEN, mg/l								
BOD, mg/l								
COD, mg/l								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC. COND., umhos/cm	2340	1634	9400	11080	13780			
pH In field								
ALK., mg/l $CaCO_3$	392	119	3180	3670	5760			
ACIDITY, mg/l $CaCO_3$								
HARDNESS, mg/l								
CHLORIDE, mg/l	310	360	1380	2400	1600			
T. NITROGEN, mg/l	9.53	3.23	466	635	648			
ORGANIC N., mg/l	0.03	0.03	26	35	68			
AMMONIA N., mg/l	9.5	3.2	440	600	580			
NITRITE N., mg/l								
NITRATE N., mg/l	<0.10	1.43	0.36	0.15	0.12			
SULFATE, mg/l SO_4								
TOTAL PHOSPHORUS, mg/l								
SET. SOLIDS, ml/l								
T. SUSP. SLDS., mg/l								
N.V. SUSP. SLDS., mg/l								
V. SUSP. SLDS., mg/l								
TOTAL SOLIDS, mg/l								
N. V. T. SLDS., mg/l								
VOL. TOT. SLDS., mg/l								
T. DIS. SLDS., mg/l	1481	1084	4548	4752	8138			
% MOISTURE								
MBAS, mg/l								
GREASE, mg/l								
PHENOL, ug/l								
TOC, mg/l								
IRON, ug/l	170	850	2190	9010	15020			
COPPER, ug/l								
MANGANESE, ug/l	29250				340			
CHROMIUM, ug/l	<30				60			
SILVER, ug/l	<30				<30			
CALCIUM, ug/l	154300				223400			
ZINC, ug/l	54				140			
LEAD, ug/l	<30				<30			
NICKEL, ug/l								
CADMIUM, ug/l	<5				<5			
MERCURY, ug/l	<1				<1			
ARSENIC, ug/l	<30				<30			
SELENIUM, ug/l	<5				<5			
Barium ug/l	150				550			
Magnesium ug/l	50000				143000			
T. COLIFORM, #/100 ml								
F. COLIFORM, #/100 ml								
F. STREP. #/100 ml								

ORIGINAL (Red)

RECEIVED
AUG 22 1983
STATE OF DELAWARE
OFFICE OF SOLID WASTE

29A 41

ANALYSIS REQUEST

LABORATORY LOG NO.	2971	2972	2973					
% SATURATION								
DIS. OXYGEN, mg/1								
BOD, mg/1								
COD, mg/1								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC. COND., umhos/cm	1300	920	1800					
pH in field								
ALK., mg/1 $CaCO_3$	196	13	568					
ACIDITY, mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1	340	116	158					
T. NITROGEN, mg/1	12.8	3.8	13.6					
ORGANIC N., mg/1	0.3	1.5	2.1					
AMMONIA N., mg/1	12.5	2.3	11.5					
NITRITE N., mg/1								
NITRATE N., mg/1	<0.10	3.07	<0.10					
SULFATE, mg/1 SO_4								
TOTAL PHOSPHORUS, mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS., mg/1								
N.V. SUSP. SLDS., mg/1								
V. SUSP. SLDS., mg/1								
TOTAL SOLIDS, mg/1								
N. V. T. SLDS., mg/1								
VOL. TOT. SLDS., mg/1								
T. DIS. SLDS., mg/1	817	918	1439					
% MOISTURE								
MBAS, mg/1								
GREASE, mg/1								
PHENOL, ug/1								
TOC, mg/1								
IRON, ug/1	21130	420	14370					
COPPER, ug/1								
MANGANESE, ug/1	1600		7460					
CHROMIUM, ug/1	<30		<30					
SILVER, ug/1	<30		<30					
CALCIUM, ug/1	26360		183900					
ZINC, ug/1	31		1050					
LEAD, ug/1	220		270					
NICKEL, ug/1								
CADMIUM, ug/1	<5		<5					
MERCURY, ug/1	<1		35					

ORIGINAL (Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED June 17, 80 SAMPLER [redacted] "non responsive based on revised scope" /AR/ / BOAT/ / SPLIT/✓/

REQUESTER Solid Waste Branch RESULTS TO [redacted] "non responsive based on revised scope"

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

RECEIVED JUL 7 1980 STATE OF DELAWARE OFFICE OF SOLID WASTE

SOURCE NAME Pigeon Point Landfill NPDES DE -

ADDRESS New Castle County

COMMENTS/INSTRUCTION

NPDES /__/ AMBIENT /__/ INTENSIVE /__/ CONTRACT /__/ OTHER /✓/

SAMPLING MODE GRAB /✓/ COMPOSITE: MFG. ____ S/N ____
FROM: YR ____ MO ____ DAY ____ HR ____
BASIN ____ TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS

ORIGINAL

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	(Bed) DEPTH FT.
2161	Well 1A ✓						
2162	2B A ✓						
2163	29 A ✓						
2164	31 A ✓						
2165	39 ✓						

DATE ACCEPTED 6/18/80 DATE COMPLETED [redacted] "non responsive based on revised sc

TIME ACCEPTED 15:50 ACCEPTED B [redacted] "non responsive based on revised scope"

DOCUMENT 40-08/78/10/4

1A 28A 29A 31A 39

ANALYSIS REQUEST

LAB. LOG NO.	2161	2162	2163	2164	2165			
SAT.								
DIS. OXYGEN, mg/l								
BOD, mg/l								
COD, mg/l								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC. COND. umhos/cm								
pH AM	6.3	6.6	6.3	7.0	6.6			
ALK. mg/l $CaCO_3$								
ACIDITY mg/l $CaCO_3$								
HARDNESS, mg/l								
CHLORIDE, mg/l AP	300	250	100	490	220			
T. NITROGEN, mg/l								
ORGANIC N. mg/l								
AMMONIA N. mg/l								
NITRITE N. mg/l								
NITRATE N. mg/l								
SULFATE, mg/l SO_4								
TOTAL PO_4 mg/l								
SET. SOLIDS, ml/l								
T. SUSP. SLDS. mg/l								
N.V. SUSP. SLDS. mg/l								
V. SUSP. SLDS. mg/l								
T. SLDS. mg/l								ORIGINAL (Red)
N. V. T. SLDS. mg/l								
VOL. TOTAL SLDS. mg/l								
T. DIS. SLDS. mg/l								
% MOISTURE								
MBAS mg/l								
GREASE, mg/l								
PHENOL, ug/l								
TOC, mg/l								
IRON, ug/l	3400	48800	11400	56300	18300			
COPPER, ug/l								
MANGANESE, ug/l	29100	11000	12500	13900	6600			
CHROMIUM, ug/l	<100	<100	<100	<100	<100			
SILVER, ug/l								
CALCIUM, ug/l								
ZINC, ug/l	<100	930	370	<100	<100			
LEAD, ug/l	<100	150	<100	<100	<100			
NICKEL, ug/l								
CADMIUM, ug/l	<100	<100	<100	<100	<100			
MERCURY, ug/l	<1.5	2.0	<1.5	<1.5	<1.5			
ARSENIC, ug/l								
SELENIUM ug/l	*	*	*	*	*			
Aluminum	<100	8940	430	730	860			
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

* selenium no method available

μ: Sr m Mg

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED 8/28/80 SAMPLER [redacted] CAR/ / BOAT/ / SPLIT/✓/

REQUESTER Solid Wastes RESULTS TO [redacted]

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Point Landfill NPDES DE - ____

ADDRESS New Castle Co. De.

COMMENTS/INSTRUCTION ____

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB /✓/ COMPOSITE: MFG. ____ S/N ____
pump FROM: YR ____ MO ____ DAY ____ HR ____
BASIN ____ TO: YR ____ MO ____ DAY ____ HR ____

TIME ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

ORIGINAL (Red)

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
3536	well # 1						
3537	well # 24						
3538	well # 32 A						
3539	well # 42						
3540	Sump #1						
3541	Runoff to River (Sump 2)						

DATE ACCEPTED 8/28/80 DATE COMPLETED 9-10-80

TIME ACCEPTED 1510 ACCEPTED BY [redacted]

DOCUMENT 40-08/78/10/4

ANALYSIS REQUEST

LAB. LOG NO.	3536	3537	3538	3539	3540	3541		
% SAT.								
DIS. OXYGEN, mg/1								
BOD, mg/1	33	2.3	15	17	59	60		
COD, mg/1	698.0	141.0	249.0	208	1123.0	1073.0		
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm	3200	2000	3800	3000	9000	8000		
pH	7.1	7.1	6.8	6.7	7.4	8.5		
ALK. mg/1 $CaCO_3$	869	795	691	489	3180	2400		
ACIDITY mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1	440	180	700	500	1100	1100		
T. NITROGEN, mg/1	45.5	36.7	26.9	27.1	338.8	206.9		
ORGANIC N. mg/1	10.5	1.7	4.9	4.1	28.8	26.9		
AMMONIA N. mg/1	35.0	35.0	22.0	23.0	310	180		
NITRITE N. mg/1	0.02	<0.01	0.01	0.02	10.5	0.40		
NITRATE N. mg/1	<0.11	<0.11	<0.11	<0.11	1.5	0.25		
SULFATE, mg/1 SO_4								
TOTAL PO_4 mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS. mg/1								
N.V. SUSP. SLDS. mg/1								
V. SUSP. SLDS. mg/1								
T. SLDS. mg/1								
N. V. T. SLDS. mg/1								
VOL. TOTAL SLDS.mg/1								
T. DIS. SLDS. mg/1	1798	1057	2197	1816	4513	4491		
% MOISTURE								
MBAS mg/1								
GREASE, mg/1								
PHENOL, ug/1								
TOC, mg/1	data to follow							
IRON, ug/1	38100	30850	82200	54600	11330	5160		
COPPER, ug/1								
MANGANESE, ug/1	1510	490	49900	10810	1450	310		
CHROMIUM, ug/1	<100	<100	<100	<100	<100	<100		
SILVER, ug/1	<100	<100	<100	<100	<100	<100		
CALCIUM, ug/1								
ZINC, ug/1								
LEAD, ug/1	<100	<100	<100	140	140	110		
NICKEL, ug/1								
CADMIUM, ug/1	<100	<100	<100	<100	<100	<100		
MERCURY, ug/1	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		
ARSENIC, ug/1	data to follow							
SELENIUM ug/1								
Barium ug/l	<100	<100	<100	<100	<100	<100		
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED 8/27/80 SAMPLER [redacted] R/ / BOAT/ / SPLIT/ ✓

REQUESTER Solid Waste Mgt. Branch RESULTS TO [redacted]

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Point NPDES DE - ____

ADDRESS New Castle Co. De

COMMENTS/INSTRUCTION ____

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB / / COMPOSITE: MFG. ____ S/N ____

BASIN ____ FROM: YR ____ MO ____ DAY ____ HR ____

TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
3509	Well #37						
3510	37A						
3511	28A						
3512	29A						
3513	41						
3514	39						

ORIGINAL (Red)

DATE ACCEPTED 8/27/80 DATE COMPLETED 9-10-80

TIME ACCEPTED 15:50 ACCEPTED BY [redacted]

DOCUMENT 40-08/78/10/4

ANALYSIS REQUEST

LAB. LOG NO.	3509	3510	3511	3512	3513	3514		
% SAT.								
DIS. OXYGEN, mg/1								
BOD, mg/1 PM	<20	<12	<12	<12	<20	<12		
COD, mg/1	627.0	0	0	0	258.0	0		
COLOR, UNITS								
TURBIDITY, FTU								
SPEC. COND. umhos/cm	2000	1360	1760	1640	1440	1460		
pH	6.7	6.5	7.2	6.4	7.7	7.2		
ALK. mg/1 $CaCO_3$	186	203	466	171	447	240		
ACIDITY mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1	320	310	290	250	200	310		
T. NITROGEN, mg/1	25.0	2.55	20.4	10.7	4.05	23.0		
ORGANIC N. mg/1	0	0.7	3.4	1.7	0	2.0		
AMMONIA N. mg/1	25.0	1.85	17.0	9.0	4.05	21.0		
NITRITE N. mg/1	0.07	0.02	0.06	0.03	0.12	0.07		
NITRATE N. mg/1	<0.11	<0.11	<0.11	<0.11	0.25	<0.11		
SULFATE, mg/1 SO_4								
TOTAL PO_4 mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS. mg/1								
N.V. SUSP. SLDS. mg/1								
V. SUSP. SLDS. mg/1								
T. SLDS. mg/1								
N. V. T. SLDS. mg/1								
VOL. TOTAL SLDS.mg/1								
T. DIS. SLDS. mg/1	1454	866	998	1332	1126	997		
% MOISTURE								
MBAS mg/1								
GREASE, mg/1								
PHENOL, ug/1								
TOC, mg/1	data to follow							
IRON, ug/1	18100	4040	940	68800	200000	21400		
COPPER, ug/1								
MANGANESE, ug/1	6800	7360	4950	8650	7430	7170		
CHROMIUM, ug/1	<100	<100	<100	<100	<100	<100		
SILVER, ug/1	<100	<100	<100	<100	<100	<100		
CALCIUM, ug/1								
ZINC, ug/1								
LEAD, ug/1	100	110	140	<100	<100	<100		
NICKEL, ug/1								
CADMIUM, ug/1	<100	<100	<100	<100	<100	<100		
MERCURY, ug/1	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		
ARSENIC, ug/1	data to follow							
SELENIUM ug/1								
Barium ug/l	<100	<100	<100	<100	<100	<100		
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED 8/26/80 SAMPLER [redacted] / / BOAT / / SPLIT / ✓

REQUESTER Solid Wastes RESULTS TO [redacted]

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Point Landfill NPDES DE - ____

ADDRESS New Castle Co.

COMMENTS/INSTRUCTION ____

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB / / COMPOSITE: MFG. ____ S/N ____

BASIN ____ FROM: YR ____ MO ____ DAY ____ HR ____

TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
3488	Sump Basin #2						
3489	27						
3490	29						
3491	28						
3492	41 A						
3493	42 A						

ORIGINAL (Red)

DATE ACCEPTED 8/26/80 DATE COMPLETED 9-10-80

TIME ACCEPTED 1625 ACCEPTED BY [redacted]

DOCUMENT 40-08/78/10/4

ANALYSIS REQUEST

LAB. LOG NO.	3488	3489	3490	3491	3492	3493		
% SAT.								
DIS. OXYGEN, mg/1								
BOD, mg/1	57	8.2	7.9	<7.5	<2.4	5.6		
COD, mg/1	986.0	11.8	0	0	0	0		
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos	7200	2400	1540	2400	1540	2000		
pH	8.2	7.2	6.8	6.8	5.8	7.2		
ALK. mg/1 $CaCO_3$	2580	416	163	429	67	195		
ACIDITY mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1	1200	640	280	340	300	300		
T. NITROGEN, mg/1	175	13.2	14.7	10.5	0.90	21.2		
ORGANIC N. mg/1	0	2.2	1.7	1.5	0.7	2.2		
AMMONIA N. mg/1	175	11.0	13.0	9.0	0.20	19.0		
NITRITE N. mg/1	0.04	0.03	0.05	0.02	0.02	0.02		
NITRATE N. mg/1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11		
SULFATE, mg/1 SO_4								
TOTAL PO_4 mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS. mg/1								
N.V. SUSP. SLDS. mg/1								
V. SUSP. SLDS. mg/1								
T. SLDS. mg/1								
N. V. T. SLDS. mg/1								
VOL. TOTAL SLDS.mg/1								
T. DIS. SLDS. mg/1	4500	1325	893	1855	1153	1163		
% MOISTURE								
MBAS mg/1								
GREASE, mg/1								
PHENOL, ug/1								
TOC, mg/1	data to follow							
IRON, ug/1	5890	99600	65400	24000	6910	15560		
COPPER, ug/1								
MANGANESE, ug/1	228	5500	1540	22500	3860	6500		
CHROMIUM, ug/1	<100	<100	<100	<100	<100	<100		
SILVER, ug/1	<100	<100	<100	<100	<100	<100		
CALCIUM, ug/1								
ZINC, ug/1								
LEAD, ug/1	120	<100	<100	120	120	110		
NICKEL, ug/1								
CADMIUM, ug/1	<100	<100	<100	<100	<100	<100		
MERCURY, ug/1	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		
ARSENIC, ug/1	data to follow							
SELENIUM ug/1								
Barium ug/l	<100	<100	<100	<100	<100	<100		
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED 8/27/80 SAMPLE [redacted] "non responsive based on revised scope" / / BOAT / / SPLIT / ✓

REQUESTER Solid Waste Mgt. Branch RESULTS TO [redacted] "non responsive based on revised scope"

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Point NPDES DE - ____

ADDRESS New Castle Co. De

COMMENTS/INSTRUCTION ____

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB / / COMPOSITE: MFG. ____ S/N ____
FROM: YR ____ MO ____ DAY ____ HR ____
BASIN ____ TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
3509	Well #37						
3510	37A						
3511	28A						
3512	29A						
3513	41						
3514	39						

ORIGINAL (Red)

DATE ACCEPTED 8/27/80 DATE COMPLETED 9-10-80

TIME ACCEPTED 15:50 ACCEPTED BY [redacted] "non responsive based on revised scope"

DOCUMENT 40-08/78/10/4

37 37A 28A 29A 41 39

ANALYSIS REQUEST

LAB. LOG NO.	3509	3510	3511	3512	3513	3514		
% SAT.								
DIS. OXYGEN, mg/l								
BOD, mg/l PM	<20	<12	<12	<12	<20	<12		
COD, mg/l	627.0	0	0	0	258.0	0		
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm	2000	1360	1760	1640	1440	1460		
pH	6.7	6.5	7.2	6.4	7.7	7.2		
ALK. mg/l $CaCO_3$	186	203	466	171	447	240		
ACIDITY mg/l $CaCO_3$								
HARDNESS, mg/l								
CHLORIDE, mg/l M	320	310	290	250	200	310		
T. NITROGEN, mg/l	25.0	2.55	20.4	10.7	4.05	23.0		
ORGANIC N. mg/l	0	0.7	3.4	1.7	0	2.0		
AMMONIA N. mg/l M	25.0	1.85	17.0	9.0	4.05	21.0		
NITRITE N. mg/l M	0.07	0.02	0.06	0.03	0.12	0.07		
NITRATE N. mg/l M	<0.11	<0.11	<0.11	<0.11	0.25	<0.11		
SULFATE, mg/l SO_4								
TOTAL PO_4 mg/l								
SET. SOLIDS, ml/l								
T. SUSP. SLDS. mg/l								
N.V. SUSP. SLDS. mg/l								
V. SUSP. SLDS. mg/l								
T. SLDS. mg/l								
N. V. T. SLDS. mg/l								
VOL. TOTAL SLDS. mg/l								
T. DIS. SLDS. mg/l	1454	966	998	1332	1126	997		
% MOISTURE								
MBAS mg/l								
GREASE, mg/l								
PHENOL, ug/l								
TOC, mg/l	data to follow							
IRON, ug/l	18100	4040	940	68800	200000	21400		
COPPER, ug/l								
MANGANESE, ug/l	6800	7360	4950	8650	7430	7170		
CHROMIUM, ug/l	<100	<100	<100	<100	<100	<100		
SILVER, ug/l	<100	<100	<100	<100	<100	<100		
CALCIUM, ug/l								
ZINC, ug/l								
LEAD, ug/l	100	110	140	<100	<100	<100		
NICKEL, ug/l								
CADMIUM, ug/l	<100	<100	<100	<100	<100	<100		
MERCURY, ug/l	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		
ARSENIC, ug/l	<10	<10	<10	<10	–	14.5		
SELENIUM ug/l								
Barium ug/l	<100	<100	<100	<100	<100	<100		
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED 8/28/80 SAMPLER [redacted] AR/ / BOAT/ / SPLIT/✓/

REQUESTER Solid Wastes RESULTS TO [redacted]

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Point Landfill NPDES DE - ____

ADDRESS New Castle Co. Dr.

COMMENTS/INSTRUCTION ____

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB /✓/ pump COMPOSITE: MFG. ____ S/N ____
FROM: YR ____ MO ____ DAY ____ HR ____
BASIN ____ TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
3536	well # 1						
3537	well # 24						
3538	well # 32 A						
3539	well # 42						
3540	Sump #1						
3541	Runoff to River (Sump 2)						

ORIGINAL (Red)

DATE ACCEPTED 8/28/80 DATE COMPLETED 9-10-80

TIME ACCEPTED 1510 ACCEPTED BY [redacted]

DOCUMENT 40-08/78/10/4

1 24 32A 42 Sump #1 Runoff to River

ANALYSIS REQUEST

LAB. LOG NO.	3536	3537	3538	3539	3540	3541		
% SAT.								
DIS. OXYGEN, mg/1								
BOD, mg/1 NP	33	2.3	15	17	59	60		
COD, mg/1	698.0	141.0	249.0	208	1123.0	1073.0		
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm	3200	2000	3800	3000	9000	8000		
pH	7.1	7.1	6.8	6.7	7.4	8.5		
ALK. mg/1 $CaCO_3$	869	795	691	489	3180	2400		
ACIDITY mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1 NP	440	180	700	500	1100	1100		
T. NITROGEN, mg/1	45.5	36.7	26.9	27.1	338.8	206.9		
ORGANIC N. mg/1	10.5	1.7	4.9	4.1	28.8	26.9		
AMMONIA N. mg/1 NP	35.0	35.0	22.0	23.0	310	180		
NITRITE N. mg/1 NP	0.02	<0.01	0.01	0.02	10.5	0.40		
NITRATE N. mg/1 NP	<0.11	<0.11	<0.11	<0.11	1.5	0.25		
SULFATE, mg/1 SO_4								
TOTAL PO_4 mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS. mg/1								
N.V. SUSP. SLDS. mg/1								
V. SUSP. SLDS. mg/1								
T. SLDS. mg/1								
N. V. T. SLDS. mg/1								
VOL. TOTAL SLDS.mg/1								
T. DIS. SLDS. mg/1	1798	1057	2197	1816	4513	4491		
% MOISTURE								
MBAS mg/1								
GREASE, mg/1								
PHENOL, ug/1								
TOC, mg/1	data to follow							
IRON, ug/1	38100	30850	82200	54600	11330	5160		
COPPER, ug/1								
MANGANESE, ug/1	1510	490	49900	10810	1450	310		
CHROMIUM, ug/1	<100	<100	<100	<100	<100	<100		
SILVER, ug/1	<100	<100	<100	<100	<100	<100		
CALCIUM, ug/1								
ZINC, ug/1								
LEAD, ug/1	<100	<100	<100	140	140	110		
NICKEL, ug/1								
CADMIUM, ug/1	<100	<100	<100	<100	<100	<100		
MERCURY, ug/1	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		
ARSENIC, ug/1	65	<10	52.5	24.5	20	49		
SELENIUM ug/1								
Barium ug/l	<100	<100	<100	<100	<100	<100		
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED Nov 19, 80 SAMPLER [redacted] CAR/___/ BOAT/___/ SPLIT/___/

REQUESTER Solid Waste Mgt. RESULTS TO [redacted]

SAMPLE TYPE: STREAM___ WELL ✓ DOMESTIC WASTE___ INDUSTRIAL___ AIR___

BIOLOGICAL___ SLUDGE___ BORING___ STP___ OTHER___

SOURCE NAME Pigeon Pt. Landfill NPDES DE - ___

ADDRESS N.C.C.

COMMENTS/INSTRUCTION Filter prior to analysis

NPDES /___/ AMBIENT /___/ INTENSIVE /___/ CONTRACT /___/ OTHER /___/

SAMPLING MODE GRAB /___/ COMPOSITE: MFG.___ S/N___
FROM: YR___ MO___ DAY___ HR___
BASIN___ TO: YR___ MO___ DAY___ HR___

TIDE___ THIO ADDED TO ___ ___ ___ ___

OBSERVATIONS/COMMENTS___

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
4644	29 A						
4645	31 A						
4646	31						
4647	37						
4648	37 A						

ORIGINAL (Red)

DATE ACCEPTED 19 Nov 80 DATE COMPLETED 12-3-80

TIME ACCEPTED 1515 ACCEPTED BY [redacted]

DOCUMENT 40-08/78/10/4

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ANALYSIS REQUEST

37A

LAB. LOG NO.	4644	4645	4646	4647	4648			
% SAT.								
DIS. OXYGEN, mg/1								
BOD, mg/1								
COD, mg/1								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm								
pH								
ALK. mg/1 $CaCO_3$								
ACIDITY mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1								
T. NITROGEN, mg/1								
ORGANIC N. mg/1								
AMMONIA N. mg/1								
NITRITE N. mg/1								
NITRATE N. mg/1 MP	0.11	0.08	<0.11	<0.11	<0.11			
SULFATE, mg/1 SO_4								
TOTAL PO_4 mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS. mg/1								
N.V. SUSP. SLDS. mg/1								
V. SUSP. SLDS. mg/1								
T. SLDS. mg/1								
N. V. T. SLDS. mg/1								
VOL. TOTAL SLDS.mg/1								
T. DIS. SLDS. mg/1								
% MOISTURE								
MBAS mg/1								
GREASE, mg/1								
PHENOL, ug/1								
TOC, mg/1								
IRON, ug/1								
COPPER, ug/1								
MANGANESE, ug/1								
CHROMIUM, ug/1 DL	<100	<100	<100	<100	<100			
SILVER, ug/1 DL	<100	<100	<100	<100	<100			
CALCIUM, ug/1								
ZINC, ug/1								
LEAD, ug/1 DL	<100	<100	<100	<100	<100			
NICKEL, ug/1								
CADMIUM, ug/1 DL	<100	<100	<100	<100	<100			
MERCURY, ug/1 MP	<1.5	<1.5	<1.5	<1.5	<1.5			
ARSENIC, ug/1 to follow								
SELENIUM ug/1	no method							
Barium MP	<100	<100	<100	<100	<100			
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

STATE OF DELAWARE

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

SPECIAL ANALYTICAL REQUEST

DATE SAMPLED: 11/18/80 SAMPLED BY: [redacted] "non responsive based on revised scope" RESULTS TO: Solid Wastes

COMPLETION DATE: 4 Dec 80 ANALYST: [redacted] "non responsive based on revised scope" APPROVED: [redacted] "non responsive based on revise

ANALYTICAL REQUEST: SOA's → Complete List

LOG NO.	SAMPLE DESCRIPTION
4620	Well # 1 A.
4621	29
4622	32
4623	42
4624	42 A

Pigeon Point

DATA REPORT:

ORIGINAL
(Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED 11/10/80 SAMPLER [redacted] CAR/ / BOAT/ / SPLIT/ ✓

REQUESTER G. ARM RESULTS TO [redacted]

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Dixon Pl. Landfill NPDES DE - ____

ADDRESS ____

COMMENTS/INSTRUCTION ____

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB / / COMPOSITE: MFG. ____ S/N ____

BASIN ____ FROM: YR ____ MO ____ DAY ____ HR ____

TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
4620	Well # 1A						
4621	29						
4622	32						
4623	42						
4624	42A						

ORIGINAL (Red)

DATE ACCEPTED 11/18/80 DATE COMPLETED 12-8-80

TIME ACCEPTED 16:00 ACCEPTED B [redacted]

DOCUMENT 40-08/78/10/4

SYNTHETIC ORGANIC COMPOUNDS	ug/l COMPOUND SAMPLE NO. 1A	29	32	72	42A
	4620	4621	4622	4623	4624
Chloromethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Bromomethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Vinyl Chloride, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Chloroethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Trichlorofluoromethane, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
1, 1- Dichloroethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
trans -1 2- Dichloroethylene ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Chloroform, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,2 - Dichloroethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,1,1-Trichloroethane, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Carbon Tetrachloride, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Bromodichloromethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,2-Dichloropropane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
trans-1,3-Dichloropropene ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Trichloroethylene, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Dibromochloromethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
cis -1,3,-Dichloropropene ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,1,2-Trichloroethane, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Benzene , ug/l	<8.0	<8.0	<8.0	<8.0	<8.0
2-Chloroethylvinyl Ether ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0
Bromoform, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Tetrachloroethylene, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,1,2,2-Tetrachloroethane ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Toluene , ug/l	<8.0	<8.0	<8.0	<8.0	<8.0
Chlorobenzene , ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Ethylbenzene, ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0
Acrylonitrile , mg/l.	<2.1	<2.1	<2.1	<2.1	<2.1
1,1- Dichloroethylene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0

CHLORINATED PESTICIDES	ug/l COMPOUND SAMPLE NO.
Polychlorinated biphenyls (PCB's), ug/l	
Aldrin, ug/l.	
Dieldrin, ug/l.	
DDE-o,p, ug/l.	
DDE-p,p, ug/l.	
DDD-o,p, ug/l.	
DDD-p,p, ug/l.	
DDT-o,p, ug/l.	
DDT-p,p, ug/l.	
Chlordane-cis isomer, ug/l.	
Chlordane-trans isomer, ug/l	
cis isomer of nonchlor, ug/l	
trans isomer of nonchlor, mg/l	
Endrin, ug/l.	
Methoxychlor, ug/l.	
Hexachlorobenzene, ug/l.	
BHC- A isomer, ug/l.	
BHC-B isomer, ug/l.	
Lindane, ug/l.	
Heptachlor, ug/l.	
Heptachlor epoxide, ug/l.	
Mirex, ug/l.	

ORIGINAL (Red)

29

ANALYSIS REQUEST

LAB. LOG NO.	4620	4621	4622	4623	4624			
% SAT.								
DIS. OXYGEN, mg/l								
BOD, mg/l								
COD, mg/l								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm								
pH								
ALK. mg/l $CaCO_3$								
ACIDITY mg/l $CaCO_3$								
HARDNESS, mg/l								
CHLORIDE, mg/l								
T. NITROGEN, mg/l								
ORGANIC N. mg/l								
AMMONIA N. mg/l								
NITRITE N. mg/l								
NITRATE N. mg/l MP	<0.11	<0.11	<0.11	<0.11	<0.11			
SULFATE, mg/l SO_4								
TOTAL PO_4 mg/l								
SET. SOLIDS, ml/l								
T. SUSP. SLDS. mg/l								
N.V. SUSP. SLDS. mg/l								
V. SUSP. SLDS. mg/l								
T. SLDS. mg/l								
N. V. T. SLDS. mg/l								
VOL. TOTAL SLDS.mg/l								
T. DIS. SLDS. mg/l								
% MOISTURE								
MBAS mg/l								
GREASE, mg/l								
PHENOL, ug/l								
TOC, mg/l								
IRON, ug/l								
COPPER, ug/l								
MANGANESE, ug/l								
CHROMIUM, ug/l DL	<100	<100	<100	<100	<100			
SILVER, ug/l DL	<100	<100	<100	<100	<100			
CALCIUM, ug/l								
ZINC, ug/l								
LEAD, ug/l DL	<100	<100	<100	220	<100			
NICKEL, ug/l								
CADMIUM, ug/l DL	<100	<100	<100	<100	<100			
MERCURY, ug/l MP	<1.5	<1.5	<1.5	<1.5	<1.5			
* ARSENIC, ug/l to follow	<10	<10	<10	QNS	QNS			
SELENIUM ug/l	no method							
Barium MP	<100	<100	<100	<100	<100			
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

* Completed 12/22/80

STATE OF DELAWARE

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

SPECIAL ANALYTICAL REQUEST

DATE SAMPLED: Nov 19, 80 SAMPLED BY [redacted] RESULTS TO: Solid Wastes

COMPLETION DATE: 4 Dec 80 ANALYST: [redacted] APPROVED: [redacted]

ANALYTICAL REQUEST: Synthetic Organic Analysis

LOG NO.	SAMPLE DESCRIPTION	
4644	Well # 29A	Pigeon Point -
4645	31 A	
4646	31	
4647	37	
4648	37 A	

DATA REPORT:

ORIGINAL (Red)

Sample # 4645 - Excess foaming caused analytical problems, reduced sensitivity.

* Sample # 4646 - Vinyl Chloride or Chloromethane present - unable to distinguish without computer. Sample should be retested

Chloroethane, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Methylene Chloride, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Trichlorofluoromethane, ug/l	<4.0	<10.	<4.0	<4.0	<4.0	
1,1- Dichloroethane, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
trans -1,2- Dichloroethylene ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Chloroform, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
1,2 - Dichloroethane, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
1,1,1-Trichloroethane, ug/l	<4.0	<10.	<4.0	<4.0	<4.0	
Carbon Tetrachloride, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Bromodichloromethane, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
1,2-Dichloropropane, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
trans-1,3-Dichloropropene ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Trichloroethylene, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Dibromochloromethane, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
cis -1,3-Dichloropropene ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
1,1,2-Trichloroethane, ug/l	<4.0	<10.	<4.0	<4.0	<4.0	
Benzene, ug/l	<8.0	<8.0	<8.0	<8.0	<8.0	
2-Chloroethylvinyl Ether ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0	
Bromoform, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Tetrachloroethylene, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
1,1,2,2-Tetrachloroethane ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Toluene, ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0	
Chlorobenzene, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	
Ethylbenzene, ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0	
Acrylonitrile, mg/l.	<2.1	<2.1	<2.1	<2.1	<2.1	
1,1- Dichloroethylene, ug/l.	<4.0	<10.	<4.0	<4.0	<4.0	

Polychlorinated biphenyls (PCB's), ug/l	
Aldrin, ug/l.	
Dieldrin, ug/l.	
DDE-o,p, ug/l.	
DDE-p,p, ug/l.	
DDD-o,p, ug/l.	
DDD-p,p, ug/l.	
DDT-o,p, ug/l.	
DDT-p,p, ug/l.	
Chlordane-cis isomer, ug/l.	
Chlordane-trans isomer, ug/l	
cis isomer of nonchlor, ug/l	
trans isomer of nonchlor, ug/l	
Endrin, ug/l.	
Methoxychlor, ug/l.	
Hexachlorobenzene, ug/l.	
BHC- A isomer, ug/l.	
BHC-B isomer, ug/l.	
Lindane, ug/l.	
Heptachlor, ug/l.	
Heptachlor epoxide, ug/l.	
Mirex, ug/l.	

ORIGINAL (Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED Nov 20, 80 SAMPLER [redacted] / BOAT / / SPLIT ✓ /

REQUESTER Solid Wastes RESULTS TO [redacted]

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Pt. Landfill NPDES DE - ____

ADDRESS New Castle Co.

COMMENTS/INSTRUCTION ____

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB / / COMPOSITE: MFG. ____ S/N ____
FROM: YR ____ MO ____ DAY ____ HR ____
BASIN ____ TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
4684	Well # ~~38~~ 24						
4685	39						
4686	28 A						
4687	32 A						
4688							

ORIGINAL (Red)

DATE ACCEPTED 11/20/80 DATE COMPLETED 12-5-80

TIME ACCEPTED 1625 ACCEPTED BY [redacted]

DOCUMENT 40-08/78/10/4

ANALYSIS REQUEST

LAB. LOG NO.	4684	4685	4686	4687	4688			
% SAT.								
DIS. OXYGEN, mg/l								
BOD, mg/l								
COD, mg/l								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm								
pH								
ALK. mg/l $CaCO_3$								
ACIDITY mg/l $CaCO_3$								
HARDNESS, mg/l								
CHLORIDE, mg/l								
T. NITROGEN, mg/l								
ORGANIC N. mg/l								
AMMONIA N. mg/l								
NITRITE N. mg/l								
NITRATE N. mg/l MP	0.07	<0.11	6.61	<0.11	0.07			
SULFATE, mg/l SO_4								
TOTAL P mg/l								
SET. SOLIDS, ml/l								
T. SUSP. SLDS. mg/l								
N.V. SUSP. SLDS. mg/l								
V. SUSP. SLDS. mg/l								
T. SLDS. mg/l								
N. V. T. SLDS. mg/l								
VOL. TOTAL SLDS.mg/l								
T. DIS. SLDS. mg/l								
% MOISTURE								
MBAS mg/l								
GREASE, mg/l								
PHENOL, ug/l								
TOC, mg/l								
IRON, ug/l								
COPPER, ug/l								
MANGANESE, ug/l								
CHROMIUM, ug/l MP	<100	<100	<100	<100	<100			
SILVER, ug/l MP	<100	<100	<100	<100	<100			
CALCIUM, ug/l								
ZINC, ug/l								
LEAD, ug/l MP	<100	<100	<100	<100	<100			
NICKEL, ug/l								
CADMIUM, ug/l MP	<100	<100	<100	<100	<100			
MERCURY, ug/l MP	<1.5	<1.5	<1.5	<1.5	<1.5			
* ARSENIC, ug/l to follow	<10	<10	<10	<10	QNS			
SELENIUM ug/l	no [illegible]							
Barium ug/l MP	<100	<100	<100	<100	<100			
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

* Completed 12/22/80

STATE OF DELAWARE

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

SPECIAL ANALYTICAL REQUEST

DATE SAMPLED: Nov 21, 80 SAMPLED BY: [redacted] RESULTS TO: Solid Wst Mgt.

COMPLETION DATE: 4 Dec 80 ANALYST [redacted] APPROVED: [redacted]

ANALYTICAL REQUEST: Synthetic Organic Analysis

LOG NO.	SAMPLE DESCRIPTION Pigeon Point 1
4695	Sump #1
4696	Sump #2
4697	Well # 41

DATA REPORT:

Sample # 4695 - Excess foaming caused analytical problems. Sample should be retested. Results not confirmed

Sample # 4696 - Results not confirmed. Sample should be retested

ORIGINAL (Red)

ANALYSIS REQUEST

LAB. LOG NO.	4695	4696	4697					
% SAT.								
DIS. OXYGEN, mg/1								
BOD, mg/1								
COD, mg/1								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm								
pH								
ALK. mg/1 $CaCO_3$								
ACIDITY mg/1 $CaCO_3$								
HARDNESS, mg/1								
CHLORIDE, mg/1								
T. NITROGEN, mg/1								
ORGANIC N. mg/1								
AMMONIA N. mg/1								
NITRITE N. mg/1								
NITRATE N. mg/1 MP	1.82	9.0	0.06					
SULFATE, mg/1 SO_4								
TOTAL PO_4 mg/1								
SET. SOLIDS, ml/1								
T. SUSP. SLDS. mg/1								
N.V. SUSP. SLDS. mg/1								
V. SUSP. SLDS. mg/1								
T. SLDS. mg/1								
N. V. T. SLDS. mg/1								
VOL. TOTAL SLDS.mg/1								
T. DIS. SLDS. mg/1								
% MOISTURE								
MBAS mg/1								
GREASE, mg/1								
PHENOL, ug/1								
TOC, mg/1								
IRON, ug/1								
COPPER, ug/1								
MANGANESE, ug/1								
CHROMIUM, ug/1 DS	100	<100	<100					
SILVER, ug/1 DS	<100	<100	<100					
CALCIUM, ug/1								
ZINC, ug/1								
LEAD, ug/1 DS	<100	<100	<100					
NICKEL, ug/1								
CADMIUM, ug/1 DS	<100	<100	<100					
MERCURY, ug/1 MP	<1.5	<1.5	<1.5					
* ARSENIC, ug/1 to follow	QNS	16	<10					
SELENIUM ug/1	no method							
Barium 1gfl MP	<100	<100	<100					
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

* Completed 12/22/80

SYNTHETIC ORGANIC COMPOUNDS	ug/l COMPOUND SAMPLE NO. Sample 4695	Sample 4696	Sample 4697
Chloromethane, ug/l.	<10	<4.0	<4.0
Bromomethane, ug/l.	<10	<4.0	<4.0
Vinyl Chloride, ug/l.	<10	<4.0	<4.0
Chloroethane, ug/l.	<10	<4.0	<4.0
Methylene Chloride, ug/l.	<10	<4.0	<4.0
Trichlorofluoromethane, ug/l	<10	<4.0	<4.0
1, 1- Dichloroethane, ug/l.	<10	<4.0	<4.0
trans -1,2- Dichloroethylene ug/l.	<10	<4.0	<4.0
Chloroform, ug/l.	<10	<4.0	<4.0
1,2 - Dichloroethane, ug/l.	<10	<4.0	<4.0
1,1,1-Trichloroethane, ug/l	<10	<4.0	<4.0
Carbon Tetrachloride, ug/l.	<10	<4.0	<4.0
Bromodichloromethane, ug/l.	<10	<4.0	<4.0
1,2-Dichloropropane, ug/l.	<10	<4.0	<4.0
trans-1,3-Dichloropropene ug/l.	<10	<4.0	<4.0
Trichloroethylene, ug/l.	<10	<4.0	<4.0
Dibromochloromethane, ug/l.	<10	<4.0	<4.0
cis -1,3,-Dichloropropene ug/l.	<10	<4.0	<4.0
1,1,2-Trichloroethane, ug/l	<10	<4.0	<.0
Benzene, ug/l	31.	<8.0	<8.0
2-Chloroethylvinyl Ether ug/l.	<20	<8.0	<8.0
Bromoform, ug/l.	<10.	<4.0	<4.0
Tetrachloroethylene, ug/l.	<10	<4.0	<4.0
1,1,2,2-Tetrachloroethane ug/l	<10	<4.0	<4.0
Toluene, ug/l.	36.	43.	<8.0
Chlorobenzene, ug/l.	101.	<4.0	<4.0
Ethylbenzene, ug/l.	54.	20.	<8.0
Acrylonitrile, mg/l.	<2.1	<2.1	<2.1
1,1- Dichloroethylene, ug/l.	<40	<4.0	<4.0

ORIGINAL (Red)

CHLORINATED PESTICIDES	ug/l COMPOUND SAMPLE NO.
Polychlorinated biphenyls (PCB's) ug/l	
Aldrin, ug/l.	
Dieldrin, ug/l.	
DDE-o,p, ug/l.	
DDE-p,p, ug/l.	
DDD-o,p, ug/l.	
DDD-p,p, ug/l.	
DDT-o,p, ug/l.	
DDT-p,p, ug/l.	
Chlordane-cis isomer, ug/l.	
Chlordane-trans isomer, ug/l	
cis isomer of nonchlor, ug/l	
trans isomer of nonchlor, ug/l	
Endrin, ug/l.	
Methoxychlor, ug/l.	
Hexachlorobenzene, ug/l.	
BHC- A isomer, ug/l.	
BHC-B isomer, ug/l.	
Lindane, ug/l.	
Heptachlor, ug/l.	
Heptachlor epoxide, ug/l.	
Mirex, ug/l.	

STATE OF DELAWARE

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

SPECIAL ANALYTICAL REQUEST

DATE SAMPLED: Nov 17, 80 SAMPLED BY: [redacted] "non responsive based on revised scope" SULTS TO: Solid Wastes -

COMPLETION DATE: 4 Dec 80 ANALYST: [redacted] APPROVED: [redacted] "non responsive based on revised"

ANALYTICAL REQUEST: Synthetic Organic Analysis

LOG NO.	SAMPLE DESCRIPTION
4606	Well # 28
4607	41 A
4608	25
4609	26
4610	27

Pigeon Point Wells -

DATA REPORT:

ORIGINAL
(Red)

TECHNICAL SERVICES SECTION
DIVISION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
REQUEST FOR LABORATORY ANALYSIS

DATE SAMPLED Nov 17, 80 SAMPLER [redacted] "non responsive based on revised scope" R/ / BOAT/ / SPLIT/ ✓ /

REQUESTER [redacted] "non responsive based on revised scope" RESULTS TO Solid Waste Mgt

SAMPLE TYPE: STREAM ____ WELL ✓ DOMESTIC WASTE ____ INDUSTRIAL ____ AIR ____

BIOLOGICAL ____ SLUDGE ____ BORING ____ STP ____ OTHER ____

SOURCE NAME Pigeon Point Landfill NPDES DE - ____

ADDRESS New Castle County

COMMENTS/INSTRUCTION Filter prior to Analysis

NPDES / / AMBIENT / / INTENSIVE / / CONTRACT / / OTHER / /

SAMPLING MODE GRAB / / COMPOSITE: MFG. ____ S/N ____
FROM: YR ____ MO ____ DAY ____ HR ____
BASIN ____ TO: YR ____ MO ____ DAY ____ HR ____

TIDE ____ THIO ADDED TO ____

OBSERVATIONS/COMMENTS ____

LOG. NO.	SAMPLE IDENTIFICATION	TIME	TEMP. °C WTR	TEMP. °C AIR	CHLOR RES.	FLOW	DEPTH FT.
4606	Well # 28						
4607	41A						
4608	25						
4609	26						
4610	27						

ORIGINAL (Red)

DATE ACCEPTED 11/17/80 DATE COMPLETED 12-3-80

TIME ACCEPTED 1 00 ACCEPTED BY [redacted] "non responsive based on revised scope"

DOCUMENT 40-08/78/10/4

28 41A 25 26 27

ANALYSIS REQUEST

LAB. LOG NO.	4606	4607	4608	4609	4610			
% SAT.								
DIS. OXYGEN, mg/l								
BOD, mg/l								
COD, mg/l								
COLOR, UNITS								
TURBIDITY, FTU								
SPEC, COND. umhos/cm								
pH								
ALK. mg/l $CaCO_3$								
ACIDITY mg/l $CaCO_3$								
HARDNESS, mg/l								
CHLORIDE, mg/l								
T. NITROGEN, mg/l								
ORGANIC N. mg/l								
AMMONIA N. mg/l								
NITRITE N. mg/l								
NITRATE N. mg/l W	<0.11	<0.11	<0.11	<0.11	<0.11			
SULFATE, mg/l SO_4								
TOTAL PO_4 mg/l								
SET. SOLIDS, ml/l								
T. SUSP. SLDS. mg/l								
N.V. SUSP. SLDS. mg/l								
V. SUSP. SLDS. mg/l								
T. SLDS. mg/l								
N. V. T. SLDS. mg/l								
VOL. TOTAL SLDS.mg/l								
T. DIS. SLDS. mg/l								
% MOISTURE								
MBAS mg/l								
GREASE, mg/l								
PHENOL, ug/l								
TOC, mg/l								
IRON, ug/l								
COPPER, ug/l								
MANGANESE, ug/l								
CHROMIUM, ug/l DK	<100	<100	<100	<100	<100			
SILVER, ug/l DK	<100	<100	<100	<100	<100			
CALCIUM, ug/l								
ZINC, ug/l								
LEAD, ug/l DK	500	<100	<100	<100	<100			
NICKEL, ug/l								
CADMIUM, ug/l MP	<100	<100	<100	<100	<100			
MERCURY, ug/l MP	<1.5	<1.5	<1.5	<1.5	<1.5			
* ARSENIC, ug/l to follow	<10	<10	<10	<10	<10			
SELENIUM ug/l	[illegible]							
Barium MP	<100	<100	<100	<100	<100			
T. COLIFORM #/100 ml								
F. COLIFORM #/100 ml								
F. STREP #/100 ml								

ORIGINAL (Red)

* Arsenic Data Completed 12/22/80

SYNTHETIC ORGANIC COMPOUNDS	ug/l. COMPOUND SAMPLE NO. 28	41A	26	26	27
	4606	4607	4608	4609	4610
Chloromethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Bromomethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Vinyl Chloride, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Chloroethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Methylene Chloride, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Trichlorofluoromethane, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
1, 1- Dichloroethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
trans -1,2- Dichloroethylene ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Chloroform, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,2 - Dichloroethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,1,1-Trichloroethane, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Carbon Tetrachloride, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Bromodichloromethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,2-Dichloropropane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
trans-1,3-Dichloropropene ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Trichloroethylene, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Dibromochloromethane, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
cis -1,3,-Dichloropropene ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,1,2-Trichloroethane, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0
Benzene , ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0
2-Chloroethylvinyl Ether ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0
Bromoform, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Tetrachloroethylene, ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
1,1,2,2-Tetrachloroethane ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Toluene , ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0
Chlorobenzene , ug/l.	<4.0	<4.0	<4.0	<4.0	<4.0
Ethylbenzene, ug/l.	<8.0	<8.0	<8.0	<8.0	<8.0
Acrylonitrile , mg/l.	<2.1	<2.1	<2.1	<2.1	<2.1
1,1- Dichloroethylene, ug/l	<4.0	<4.0	<4.0	<4.0	<4.0

CHLORINATED PESTICIDES	ug/l. COMPOUND SAMPLE NO.
Polychlorinated biphenyls (PCB's), ug/l	
Aldrin, ug/l.	
Dieldrin, ug/l.	
DDE-o,p, ug/l.	
DDE-p,p, ug/l.	
DDD-o,p, ug/l.	
DDD-p,p, ug/l.	
DDT-o,p, ug/l.	
DDT-p,p, ug/l.	
Chlordane-cis isomer, ug/l.	
Chlordane-trans isomer, ug/l	
cis isomer of nonchlor, ug/l	
trans isomer of nonchlor, ug/l	
Endrin, ug/l.	
Methoxychlor, ug/l.	
Hexachlorobenzene, ug/l.	
BHC- A isomer, ug/l.	
BHC-B isomer, ug/l.	
Lindane, ug/l.	
Heptachlor, ug/l.	
Heptachlor epoxide, ug/l.	
Mirex, ug/l.	

ORIGINAL (Red)

POTOMAC FM. MONITOR WELLS

PIGEON POINT

WELL #37A

CONTAMINANT	WELL CONC.	MCL
Arsenic		0.05 mg/l
Barium	<0.1 mg/l	1 mg/l
Cadmium	<0.1 mg/l	0.01 mg/l
Chromium	<0.1 mg/l	0.05 mg/l
Lead	0.11 mg/l	0.05 mg/l
Mercury	<0.0015 mg/l	0.002 mg/l
NO3-N	<0.11 mg/l	10 mg/l
Silver	<0.1 mg/l	0.05 mg/l

WELL #41A

CONTAMINANT	WELL CONC.	MCL
Arsenic		0.05 mg/l
Barium	<0.1 mg/l	1 mg/l
Cadmium	<0.1 mg/l	0.01 mg/l
Chromium	<0.1 mg/l	0.05 mg/l
Lead	0.12 mg/l	0.05 mg/l
Mercury	<0.0015 mg/l	0.002 mg/l
NO3-N	<0.11 mg/l	10 mg/l
Silver	<0.1 mg/l	0.05 mg/l

ORIGINAL
(Red)

CONTAMINANT	WELL CONC.	MCL

CONTAMINANT	WELL CONC.	MCL

POTOMAC FM. MONITOR WELLS
PIGEON POINT

WELL #26 8-25-80

CONTAMINANT	WELL CONC.	MCL
Arsenic		0.05 mg/l
Barium	<0.1 mg/l	1 mg/l
Cadmium	<0.1 mg/l	0.01 mg/l
Chromium	<0.1 mg/l	0.05 mg/l
Lead	<0.1 mg/l	0.05 mg/l
Mercury	<0.0015 mg/l	0.002 mg/l
NO_3-N	<0.11 mg/l	10 mg/l
Silver	<0.1 mg/l	0.05 mg/l

WELL #28 8-26-80

CONTAMINANT	WELL CONC.	MCL
Arsenic		0.05 mg/l
Barium	<0.1 mg/l	1 mg/l
Cadmium	<0.1 mg/l	0.01 mg/l
Chromium	<0.1 mg/l	0.05 mg/l
Lead	0.12 mg/l	0.05 mg/l
Mercury	<0.0015 mg/l	0.002 mg/l
NO_3-N	<0.11 mg/l	10 mg/l
Silver	<0.1 mg/l	0.05 mg/l

ORIGINAL
(Red)

WELL #29 8-26-80

CONTAMINANT	WELL CONC.	MCL
Arsenic		0.05 mg/l
Barium	<0.1 mg/l	1 mg/l
Cadmium	<0.1 mg/l	0.01 mg/l
Chromium	<0.1 mg/l	0.05 mg/l
Lead	<0.1 mg/l	0.05 mg/l
Mercury	<0.0015 mg/l	0.002 mg/l
NO_3-N	<0.11 mg/l	10 mg/l
Silver	<0.1 mg/l	0.05 mg/l

WELL #31 8-25-80

CONTAMINANT	WELL CONC.	MCL
Arsenic		0.05 mg/l
Barium	<0.1 mg/l	1 mg/l
Cadmium	<0.1 mg/l	0.01 mg/l
Chromium	<0.1 mg/l	0.05 mg/l
Lead	<0.1 mg/l	0.05 mg/l
Mercury	<0.0015 mg/l	0.002 mg/l
NO_3-N	0.09 mg/l	10 mg/l
Silver	<0.1 mg/l	0.05 mg/l

POTOMAC FM. MONITOR WELL 4/A - DOWNGRADIENT
PIGEON POINT

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As		0.05
Ba		1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N		10
Ag		0.05

6-16-80

CONTAMINANT	WELL CONC.	MCL
As		0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	0.12	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

8-27-80

ORIGINAL
(Red)

CONTAMINANT	WELL CONC.	MCL
As	<0.01	0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

11-17-80

CONTAMINANT	WELL CONC.	MCL

POTOMAC FM. MONITOR WELL 37A - UPGRADIENT
PIGEON POINT

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As		0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	0.11	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

8-27-80

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As		0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

11-19-80

ORIGINAL
(Red)

CONTAMINANT	WELL CONC.	MCL

CONTAMINANT	WELL CONC.	MCL

POTOMAC FM. MONITOR WELL 31 - DOWNGRADIENT

PIGEON POINT

CONTAMINANT	WELL CONC. (mg/l)	MCL (mg/l)
As	—	0.05
Ba	-	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	—	10
Ag	—	0.05

6-16-80

CONTAMINANT	WELL CONC. (mg/l)	MCL (mg/l)
As		0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	0.09	10
Ag	<0.1	0.05

8-25-80

ORIGINAL (Red)

CONTAMINANT	WELL CONC. (mg/l)	MCL (mg/l)
As		0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

11-19-80

CONTAMINANT	WELL CONC.	MCL

POTOMAC FM. MONITOR WELL 26 - UPGRADIENT
PIGEON POINT

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As	—	0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

8-25-80

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As	<0.01	0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

11-17-80 **ORIGINAL (Red)**

CONTAMINANT	WELL CONC.	MCL

CONTAMINANT	WELL CONC.	MCL

POTOMAC FMI. MONITOR WELL 29-DOWNGRADIEN
PIGEON PT.

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As	–	0.05
Ba	–	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	–	10
Ag	–	0.05

6-16-80

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As		0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

8-26-80

ORIGINAL (Red)

CONTAMINANT	WELL CONC.	MCL
As	<0.01	0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

11-18-80

CONTAMINANT	WELL CONC.	MCL

POTOMAC FM. MONITOR WELL 28-DOWNGRADIENT
PIGEON POINT

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As	—	0.05
Ba	-	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	<0.1	0.05
Hg	<0.0015	0.002
NO_3-N	—	10
Ag	-	0.05

6-16-80

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As	—	0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	0.12	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

8-26-80

ORIGINAL
(Red)

CONTAMINANT	WELL CONC. mg/l	MCL mg/l
As	<0.01	0.05
Ba	<0.1	1
Cd	<0.1	0.01
Cr	<0.1	0.05
Pb	0.5	0.05
Hg	<0.0015	0.002
NO_3-N	<0.11	10
Ag	<0.1	0.05

11-17-80

CONTAMINANT	WELL CONC.	MCL

WELL: Southwest Lift Station PICKUP POINT- NSWF-1

DATE:	11/9/82	8/2/83	8/2/83 DNRES	3/13/84						
Benzene, ug/l	90.	9	15.	<1						
Ethlybenzene, ug/l	290.	26	34.	26						
Methylene Chloride, ug/l	<2	<1	<10	17						
Tetrachloloethylene, ug/l	690.	16	<10	29						
Toluene, ug/l	52.	2	<10	56						
Trichloroethylene, ug/l	23.	<1	<10	2						
Chlorobenzene			94							

ORIGINAL (Red)

SYNTHETIC
ORGANIC COMPOUNDS

Well 5W Collection 8/4/88

Chloromethane, ug/l.	<1.0
Bromomethane, ug/l.	<1.0
Vinyl Chloride, ug/l.	<1.0
Chloroethane, ug/l.	<1.0
Methylene Chloride, ug/l.	<1.0
Trichlorofluoromethane, ug/	<1.0
1,1- Dichloroethane, ug/l.	<1.0
trans -1,2- Dichloroethylen ug/l.	<1.0
Chloroform, ug/l.	<1.0
1,2 - Dichloroethane, ug/l.	<1.0
1,1,1-Trichloroethane, ug/l	<1.0
Carbon Tetrachloride, ug/l.	<1.0
Bromodichloromethane, ug/l.	<1.0
1,2-Dichloropropane, ug/l.	<1.0
trans-1,3-Dichloropropene ug/l.	<1.0
Trichloroethylene, ug/l.	<1.0
Dibromochloromethane, ug/l.	<1.0
cis -1,3 -Dichloropropene ug/l.	<1.0
1,1,2-Trichloroethane, ug/l	<1.0
Benzene , ug/l	<1.0
2-Chloroethylvinyl Ether ug/l.	<2.0
Bromoform, ug/l.	<4.0
Tetrachloroethylene,ug/l.	<2.0
1,1,2,2-Tetrachloroethane ug/l.	<1.0
Toluene , ug/l	<1.0
Chlorobenzene , ug/l	<2.0
Ethylbenzene, ug/l.	<1.0
Acrylonitrile , ug/l	<2.0

ORIGINAL
(Red)

SYNTHETIC ORGANIC COMPOUNDS

Well 47	DATE	8/4/82
Chloromethane, ug/l.		<10
Bromomethane, ug/l.		<10
Vinyl Chloride, ug/l.		<10
Chloroethane, ug/l.		<10
Methylene Chloride, ug/l.		<10
Trichlorofluoromethane, ug/l		<10
1,1- Dichloroethane, ug/l.		<10
trans -1,2- Dichloroethylene ug/l.		<10
Chloroform, ug/l.		<10
1,2 - Dichloroethane, ug/l.		<10
1,1,1-Trichloroethane, ug/l		<10
Carbon Tetrachloride, ug/l.		<10
Bromodichloromethane, ug/l.		<10
1,2-Dichloropropane, ug/l.		<10
trans-1,3-Dichloropropene ug/l.		<10
Trichloroethylene, ug/l.		<10
Dibromochloromethane, ug/l.		<10
cis -1,3,-Dichloropropene ug/l.		<10
1,1,2-Trichloroethane, ug/l		<10
Benzene, ug/l.		7.5
2-Chloroethylvinyl Ether ug/l.		<10
Bromoform, ug/l.		<10
Tetrachloroethylene, ug/l.		<10
1,1,2,2-Tetrachloroethane ug/l.		<10
Toluene, ug/l		110
Chlorobenzene, ug/l.		<10
Ethylbenzene, ug/l.		70
Acrylonitrile, ug/l.		
1,1- Dichloroethylene, ug/l		<10

ORIGINAL (Red)

WELL: 31

PIGEON POINT- NSWF-1

DATE:	9/1/82	9/1/82									
Benzene, ug/l	<1	<2.0									
Ethlybenzene, ug/l	2	<2.0									
Methlyene Chloride, ug/l	<1	<1.0									
Tetrachloloethylene, ug/l	13	<1.0									
Toluene, ug/l	2	<2.0									
Trichloroethylene, ug/l	2	<1.0									
Chlorobenzene	ND	<1.0									
		DNREC		ORIGINAL (Red)							

WELL: 3|A

PIGEON POINT- NSWF-1

DATE:	11/19/80										
Benzene, ug/l	<1.0										
Ethlybenzene, ug/l											
Methlyene Chloride, ug/l											
Tetrachloloethylene, ug/l	<1.										
Toluene, ug/l	<0.5										
Trichloroethylene, ug/l	<1.										
Vinyl Chloride ug/l	<0.5										
Chloroform, ug/l	<5										

ORIGINAL (Red)

WELL: 32A

PIGEON POINT- NSWF-1

DATE:	11/20/80										
Benzene, ug/l	<1										
Ethlybenzene, ug/l											
Methlyene Chloride, ug/l											
Tetrachloloethylene, ug/l	<1.0										
Toluene, ug/l	<0.5										
Trichloroethylene, ug/l	<1.										
Vinyl Chloride	<0.5										
Chloroform	<5.										

ORIGINAL (Red)

WELL: 37

PIGEON POINT- NSWF-1

DATE:	11/19/80										
Benzene, ug/l	<1.0										
Ethlybenzene, ug/l											
Methlyene Chloride, ug/l											
Tetrachloloethylene, ug/l	1.										
Toluene, ug/l	<0.5										
Trichloroethylene, ug/l	<1.										
Vinyl Chloride ug/l	<0.5										
Chloroform ug/l	<5.										

ORIGINAL (Red)

WELL: 37A

PIGEON POINT- NSWF-1

DATE:	8/30/82	8/30/82								
Benzene, ug/l	<1	<2.0								
Ethlybenzene, ug/l	4	<2.0								
Methylene Chloride, ug/l	4	<1.0								
Tetrachloloethylene, ug/l	ND	<1.0 ~~<2.0~~								
Toluene, ug/l	4	<2.0								
Trichloroethylene, ug/l	ND	<1.0								
Chlorobenzene	ND	<1.0								
	Brandt	DNREC								

ORIGINAL (Red)

WELL: 39

PIGEON POINT- NSWF-1

DATE:	11/20/80										
Benzene, ug/l	<1.										
Ethlybenzene, ug/l											
Methlyene Chloride, ug/l											
Tetrachloloethylene, ug/l	<1.0										
Toluene, ug/l	<0.5										
Trichloroethylene, ug/l	<1.										
Vinyl Chloride	<0.5										
Chloroform	<5										

ORIGINAL (Red)

WELL: East Manhole

PIGEON POINT- NSWF-1

DATE:	9/2/82	11/9/82	8/2/83	8/2/83 DNREC	3/13/84					
Benzene, ug/l	ND	17.	34.	17	25					
Ethlybenzene, ug/l	206	<3.	69	31.	240					
Methylene Chloride, ug/l	96.	80.	<1	<10.	2					
Tetrachloloethylene, ug/l	144.	810	23	<10	<1					
Toluene, ug/l	115	<2.	14	<10	194.					
Trichloroethylene, ug/l	1627	3300.	<1	<10	<1					
Chlorobenzene	945			125.						

ORIGINAL (Red)

WELL: Fire Pond

PIGEON POINT- NSWF-1

DATE:	11/9/82									
Benzene, ug/l	7.									
Ethlybenzene, ug/l	3.									
Methylene Chloride, ug/l	14.									
Tetrachloloethylene, ug/l	11.									
Toluene, ug/l	4.									
Trichloroethylene, ug/l	33.									

ORIGINAL (Red)

WELL: West manhole

PIGEON POINT- NSWF-1

DATE:	9/1/82	11/9/82	8/2/83	8/2/83 DNREC	3/13/84						
Benzene, ug/l	167	62	18	27	27						
Ethlybenzene, ug/l	5	170.	30	38	28						
Methlyene Chloride, ug/l	109	98.	<1	<10	<1						
Tetrachloloethylene, ug/l	70.	77.	1.0	<10	<1						
Toluene, ug/l	38.	14.	7	<10	11						
Trichloroeth...e, ug/l	ND	<5.	<1	<10	<1						
Chlorobenzene	ND			890							

ORIGINAL (Red)

WELL: Northwest lift station

PIGEON POINT- NSWF-1

DATE:	11/9/82									
Benzene, ug/l	17.									
Ethlybenzene, ug/l	46.									
Methylene Chloride, ug/l	13.									
Tetrachloloethylene, ug/l	120.									
Toluene, ug/l	45.									
Trichloroethylene, ug/l	<5									

WELL: 41

PIGEON POINT- NSWF-1

DATE:	11/21/80	11/21/80	3/16/84								
Benzene, ug/l	<1.0	<1.0	<1.								
Ethlybenzene, ug/l			<1.								
Methlyene Chloride, ug/l			10.								
Tetrachloloethylene, ug/l	<1.0	<1.0	<1.								
Toluene, ug/l	<0.5	<0.5	<1.								
Trichloroethylene, ug/l	<1.0	<1.0	<1.								
Vinyl Chloride	<0.5	<0.5									
Chloroform	<5	<5									

ORIGINAL (Red)

WELL: 41 A

PIGEON POINT- NSWF-1

DATE:	8/31/82	8/31/82								
Benzene, ug/l	<1.	<2.0								
Ethlybenzene, ug/l	9.	<2.0								
Methylene Chloride, ug/l	2.	<1.0								
Tetrachloloethylene, ug/l	6.	<1.0								
Toluene, ug/l	6.	<2.0								
Trichloroethylene, ug/l	ND	<1.0								
Chlorobenzene	7.	<1.0								
	Brandt	DNREC								
			ORIGINAL (Red)							

SYNTHETIC ORGANIC COMPOUNDS

Well 148	DATE 8/4/82
Chloromethane, ug/l.	<10
Bromomethane, ug/l.	<10
Vinyl Chloride, ug/l.	<10
Chloroethane, ug/l.	<10
Methylene Chloride, ug/l.	<10
Trichlorofluoromethane, ug/l	<10
1,1- Dichloroethane, ug/l.	<10
trans -1,2- Dichloroethylene, ug/l.	<10
Chloroform, ug/l.	<10
1,2 - Dichloroethane, ug/l.	<10
1,1,1-Trichloroethane, ug/l	<10
Carbon Tetrachloride, ug/l.	<10
Bromodichloromethane, ug/l.	<10
1,2-Dichloropropane, ug/l.	<10
trans-1,3-Dichloropropene, ug/l.	<10
Trichloroethylene, ug/l.	<10
Dibromochloromethane, ug/l.	<10
cis -1,3-Dichloropropene, ug/l.	<10
1,1,2-Trichloroethane, ug/l	<10
Benzene, ug/l.	4.8
2-Chloroethylvinyl Ether, ug/l.	<10
Bromoform, ug/l.	<10
Tetrachloroethylene, ug/l.	<10
1,1,2,2-Tetrachloroethane, ug/l	<10
Toluene, ug/l	54
Chlorobenzene, ug/l.	<10
Ethylbenzene, ug/l.	20
Acrylonitrile, mg/l.	
1,1-Dichloroethylene, ug/l	<10

ORIGINAL (Red)

WELL: 42

PIGEON POINT- NSWF-1

DATE:	11/13/80									
Benzene, ug/l	<0.5									
Ethlybenzene, ug/l										
Methylene Chloride, ug/l										
Tetrachloloethylene, ug/l	<1									
Toluene, ug/l	<0.5									
Trichloroethylene, ug/l	<1.									
Vinyl Chloride	<0.5									
Chloroform	<5									

ORIGINAL (Red)

WELL: 46

PIGEON POINT- NSWF-1

		DNREC								
DATE:	8/1/83	8/1/83								
Benzene, ug/l	20	23.								
Ethlybenzene, ug/l	71	105.								
Methylene Chloride, ug/l	<1	<10								
Tetrachloloethylene, ug/l	11	<10								
Toluene, ug/l	13	17								
Trichloroethylene, ug/l	<1	<10								
Chlorobenzene, ug/l		80								

WELL: 47

PIGEON POINT- NSWF-1

		DNREC								
DATE:	8/1/83	8/1/83								
Benzene, ug/l	4	<10								
Ethlybenzene, ug/l	66	85.								
Methylene Chloride, ug/l	<1	<10								
Tetrachloloethylene, ug/l	70	<10								
Toluene, ug/l	8	<10								
Trichloroethylene, ug/l	<1	<10								
Chlorobenzene		<10.								

ORIGINAL (Red)

WELL: 48

PIGEON POINT- NSWF-1

		DNREC								
DATE:	8/1/83	8/1/83								
Benzene, ug/l	1	<10								
Ethlybenzene, ug/l	11	<10								
Methylene Chloride, ug/l	9	<10								
Tetrachloloethylene, ug/l	42	<10								
Toluene, ug/l	4	<10								
Trichloroethylene, ug/l	<1	<10								
Chlorobenzene		<10								

WELL: 1 R

PIGEON POINT- NSWF-1

DATE:	11/20/80	3/15/84									
Benzene, ug/l	<1	<1									
Ethlybenzene, ug/l		<1									
Methlyene Chloride, ug/l		4									
Tetrachloloethylene, ug/l	<1.0	<1									
Toluene, ug/l	<0.5	2									
Trichloroethylene, ug/l	<1	<1									
Vinyl Chloride	<0.5										
Chloroform	<5										

SYNTHETIC
ORGANIC COMPOUNDS

Well 25R Date 3/4/82

Chloromethane, ug/l.	<1.0
Bromomethane, ug/l.	<1.0
Vinyl Chloride, ug/l.	<1.0
Chloroethane, ug/l.	<1.0
Methylene Chloride, ug/l.	<1.0
Trichlorofluoromethane, ug/l	<1.0
1,1- Dichloroethane, ug/l.	<1.0
trans -1,2- Dichloroethylene, ug/l.	<1.0
Chloroform, ug/l.	<1.0
1,2 - Dichloroethane, ug/l.	<1.0
1,1,1-Trichloroethane, ug/l	<1.0
Carbon Tetrachloride, ug/l.	<1.0
Bromodichloromethane, ug/l.	<1.0
1,2-Dichloropropane, ug/l.	<1.0
trans-1,3-Dichloropropene, ug/l.	<1.0
Trichloroethylene, ug/l.	<1.0
Dibromochloromethane, ug/l.	<1.0
cis -1,3,-Dichloropropene, ug/l.	<1.0
1,1,2-Trichloroethane, ug/l	<1.0
Benzene, ug/l.	<2.0
2-Chloroethylvinyl Ether, ug/l.	<4.0
Bromoform, ug/l.	<2.0
Tetrachloroethylene, ug/l.	<1.0
1,1,2,2-Tetrachloroethane, ug/l.	<1.0
Toluene, ug/l.	<2.0
Chlorobenzene, ug/l.	<1.0
Ethylbenzene, ug/l.	<2.0
Acrylonitrile, mg/l.	
1,1- Dichloroethylene, ug/l.	<1.0

ORIGINAL (Red)

WELL: 27 R

PIGEON POINT- NSWF-1

DATE:	3/12/84										
Benzene, ug/l	<1										
Ethlybenzene, ug/l	<1										
Methylene Chloride, ug/l	<1										
Tetrachloloethylene, ug/l	<1										
Toluene, ug/l	<1										
Trichloroethylene, ug/l	<1										

ORIGINAL (Red)

WELL: 23

PIGEON POINT- NSWF-1

DATE:	8/30/82	8/30/82								
Benzene, ug/l	1	<2.0								
Ethlybenzene, ug/l	2	<2.0								
Methylene Chloride, ug/l	2	<1.0								
Tetrachloloethylene, ug/l	3	<1.0								
Toluene, ug/l	4	<2.0								
Trichloroethylene, ug/l	ND.	<1.0								
Chlorobenzene	4	<1.0								
	Brandt	DNREC								

ORIGINAL (Red)

WELL: 23A

PIGEON POINT- NSWF-1

DATE:	11/20/80
Benzene, ug/l	<1.
Ethlybenzene, ug/l	
Methlyene Chloride, ug/l	
Tetrachloloethylene, ug/l	<1.0
Toluene, ug/l	<0.5
Trichloroethylene, ug/l	<1.
Vinyl Chloride, ug/l	<0.5
Chloroform	<5

ORIGINAL (Red)

WELL: 29

PIGEON POINT- NSWF-1

DATE:	8/30/82	8/30/82	3/16/84							
Benzene, ug/l	3	<2.0	<1.							
Ethlybenzene, ug/l	7	<2.0	<1.							
Methylene Chloride, ug/l	28	<1.0	<1.							
Tetrachloloethylene, ug/l	5	<2.0	<1.							
Toluene, ug/l	4	<2.0	<1.							
Trichloroethylene, ug/l	ND	<1.0	<1.							
Chlorobenzene	3	<1.0								
	Brandt	DNREC								

ORIGINAL (Red)

WELL: 29A

PIGEON POINT- NSWF-1

ATE:	11/19/80	3/14/84									
enzene, ug/l	<1.0	<1									
thlybenzene, ug/l		<1									
ethlyene Chloride, ug/l		<1									
etrachloloethylene, ug/l	<1.	<1									
oluene, ug/l	<0.5	<1									
richloroethylene, ug/l	<1	<1									
Vinyl Chloride, ug/l	<0.5										
Chloroform	<5										

ORIGINAL (Red)

ORIGINAL
(Red)

State data -
Lab sheets
Charts