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FORM 2270 REV. 12/74

AR100265

WHITMOYER LABORATORIES, Inc. ◆ MYERSTOWN, PENNSYLVANIA

R/

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 12-31-77

Analyze all samples for Inorganic Arsenic ☑

SUBMIT IN DUPLICATE 7-9331-SC

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp					pH____			Lagoon Comp. = pH
Well #3 BT Comp								Acid dilution tank=
Well #4 BT Comp					pH____			Acid dilution tank=
Well #5 BT Comp								Pit @ Bldg. No. 6 =
Well #6 BT Comp					pH____			Pit @ Bldg. No. 6 =
Well #7 BT Comp								Cooling Water Discharge*
Well #9 BT Comp								Sewer Sample Station = As
Well #9A BT Comp					pH____			Sewer Sample Station = pH
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp					pH____			A.T. Comp. = pH
Well #15B BT Comp								C.W.W.E.
Well #16B BT Comp								C.W.E.E.
Well #17 BT Comp								A-22
S.C. No. 1*		12/31	W43831 JAN 3 78	0.032	0.030			
S.C. No. 2*		12/31	W43832 JAN 3 78	0.020	0.005			
S.C. No. 3*		12/31	W43833 JAN 3 78	0.010	0.004			
S.C. No. 4*		12/31	W43834 JAN 3 78	0.006	0.002			
S.C. No. 5*		12/31	W43835 JAN 3 78	0.002	Less than 0.001			
S.C. No. 6*		12/31	W43836 JAN 3 78	0.004	0.001			
Dis. to Creek					SMO# 729			

* Submit a minimum of one quart of sample.

AR100266

1.4.78 Date

Chemist

AL 9/5/69

WHITMOYER LABORATORIES, Inc. ◇ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 11/25/77

Analyze all samples for Inorganic Arsenic ☑

7-9331 SC

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp			All streams ca		pH___			Lagoon Comp. = pH
Well #3 BT Comp			normal c.f.s. flow,					Acid dilution tank
Well #4 BT Comp			and clear		pH___			Acid dilution tank
Well #5 BT Comp								Pit @ Bldg. No. 6
Well #6 BT Comp					pH___			Pit @ Bldg. No. 6
Well #7 BT Comp								Cooling Water Discharge*
Well #9 BT Comp								Sewer Sample Station = As
Well #9A BT Comp					pH___			Sewer Sample Station = pH
Well #10A BT Comp								A.T. Comp. =
Well #11 BT Comp					pH___			A.T. Comp. = pH
Well #15B BT Comp								C.W.W.E.
Well #16B BT Comp								C.W.W.E.
Well #17 BT Comp								A-22
S.C. No. 1*		11/25	K43290 NOV28 77	0.002	0.002			
S.C. No. 2*		11/25	K43291 NOV28 77	0.002	0.002			
S.C. No. 3*		11/25	K43292 NOV28 77	0.004	0.004			
S.C. No. 4*		11/25	K43293 NOV28 77	0.004	0.004			
S.C. No. 5*		11/25	K43294 NOV28 77	0.002	0.001			
S.C. No. 6*		11/25	K43295 NOV28 77	0.003	0.002			
Dis. to Creek						SMR # 716		

AR100267

* Submit a minimum of one quart of sample.

11-29-77 Date

Chemist

AL 9/5/69

ANALYTICAL LABORATORY REQUEST & REPORT FORM

LAB. REG. NO.	DATE RECEIVED	LEAVE BLANK - LABORATORY USE ONLY	
H43241	NOV 14 77	Tulpehocken Creek at Ramona Road Bridge	
SUBMITTED BY	DATE SUBMITTED	SAMPLE IDENTIFICATION - CUSTOMER NAME	
Frantz	11/14/77	~~T.C.@ RR Bridge~~ (1155)	
NO.(S)			
NO. OF SAMPLES		PROJECT NO.	CHARGE NO. / TIME CHARGE
One (1)			4-5262-D

FOR SUBMITTOR - ANALYTICAL WORK REQUIRED				FOR LABORATORY USE ONLY		
LAB. NO.	SAMPLE IDENTIFICATION	ANALYSIS	EXPECTED VALUE	RESULTS*	ANALYST	COMMENTS
43241	~~T.C.@ RR Bridge~~	Tot As		0.041 mg/l	SMO	#712
		Rush				

*PERCENT, UNLESS OTHERWISE INDICATED

SAFETY WARNING: TOXIC ☐ FLAMMABLE ☐ EXPLOSIVE ON HEATING ☐ LACHRYMATOR ☐ SKIN IRRITANT ☐

SPECIAL INSTRUCTIONS AND COMMENTS:

AR100268

MO NO.	FILE CODE	DATE REPORTED	CHEMIST
		11/15/77	[illegible]

WHITMOYER LABORATORIES, INC.
A SUBSIDIARY OF ROHM AND HAAS COMPANY

ANALYTICAL REPORT - (COPY) #2

WHITMOYER LABORATORIES, Inc. ◇ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 10/30/77

Analyze all samples for Inorganic Arsenic ☑

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Cell #1 BT Comp								Lagoon Comp. = A
Cell #2 BT Comp					pH____			Lagoon Comp. = pH
Cell #3 BT Comp			All streams clear					Acid dilution ta
Cell #4 BT Comp			and slightly		pH____			Acid dilution ta
Cell #5 BT Comp			below normal flow					Pit 3 Bldg. No. 5
Cell #6 BT Comp					pH____			Pit 3 Bldg. No. 6
Cell #7 BT Comp								Cooling Water Discharge
Cell #9 BT Comp								Sewer Sample Station #[illegible]
Cell #9A BT Comp					pH____			Sewer Sample Station #[illegible]
Cell #10A BT Comp								A.T. Comp. = [illegible]
Cell #11 BT Comp					pH____			A.T. Comp. = pH
Cell #15B BT Comp								C.W.N.E.
Cell #16B BT Comp								C.W.E.E.
Well #17 BT Comp								A-22
S.C. No. 1*		10/31	W42881 OCT31 77	0.054	0.012			
S.C. No. 2*		10/30	W42882 OCT31 77	0.018	0.007			
S.C. No. 3*		10/31	W42883 OCT31 77	0.003	0.002			
S.C. No. 4*		10/30	W42884 OCT31 77	0.007	0.005			
S.C. No. 5*		10/30	W42885 OCT31 77	0.002	0.002			
S.C. No. 6*		10/30	W42886 OCT31 77	0.002	0.002			
Dis. to Creek						SMS	#	20

AR100269

* Submit a minimum of one quart of sample.

11-2-77 ALS

Date Chemist

AL 9/5/60

WHITEMOYER LABORATORIES, Inc. — MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 8-1-7 B

Analyze all samples for Inorganic Arsenic ☑

7-9331-S.C.

UBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
ell #1 BT Comp								Lagoon Comp. = As
ell #2 BT Comp					pH____			Lagoon Comp. = pH
ell #3 BT Comp								Acid dilution comp
ell #4 BT Comp					pH____			Acid dilution comp
ell #5 BT Comp								Pit @ Bldg. No. 6
ell #6 BT Comp					pH____			Pit @ Bldg. No. 6
ell #7 BT Comp								Cooling Water Discharge*
ell #9 BT Comp								Sewer Sample Station = As
ell #9A BT Comp					pH____			Sewer Sample Station = pH
ell #10A BT Comp								A.T. Comp. = As
ell #11 BT Comp					pH____			A.T. Comp. = pH
ell #15B BT Comp								C.W.M.E.
ell #16B BT Comp								C.W.E.E.
ell #17 BT Comp								A-22
S.C. No. 1*		7/31	#41050 AUG 1 77	0.038	0.020			
.C. No. 2*		7/31	#41050 AUG 1 77	0.014	0.007			
.C. No. 3*		7/31	#41050 AUG 1 77	0.007	0.006			
.C. No. 4*		7/31	#41050 AUG 1 77	0.008	0.003			
.C. No. 5*		7/31	#41050 AUG 1 77	0.001	Less than 0.001			
.C. No. 6*		7/31	#41050 AUG 1 77	0.003	0.001			
Dis. to Creek								

SMO# 669

AR100270

* Submit a minimum of one quart of sample.

AL 9/5/60

8-3-77 Date

ALS Chemist

PITTMOVER LABORATORIES, Inc. • MAYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted Sept 4, 77

Analyze all samples for Inorganic Arsenic ☑

SUBMIT IN DUPLICATE 7-9331-SC

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = A
Well #2 BT Comp			Crit. Low Flow all streams					Lagoon Comp. = pH
Well #3 BT Comp			Sch - 4 & 5 Clear					Acid dilution co.
Well #4 BT Comp			Sch 6 Brown					Acid dilution co.
Well #5 BT Comp			Tu/1 clear					Pit 3 Bldg. No.
Well #6 BT Comp			Tu/2 & 3 Low &		pH____			Pit 3 Bldg. No.
Well #7 BT Comp			muddy					Cooling Water Discharge
Well #9 BT Comp								Sewer Sample Station #[illegible]
Well #9A BT Comp					pH____			Sewer Sample Station #[illegible]
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp					pH____			A.T. Comp. = pH
Well #15B BT Comp								C.W.M.D.
Well #16B BT Comp								C.W.M.D.
Well #17 BT Comp								A-22
S.C. No. 1*		9/4	W42018 SEP 677	0.043	0.030			
S.C. No. 2*		9/4	W42019 SEP 677	0.014	0.007			
S.C. No. 3*		9/4	W42020 SEP 677	0.016	0.004			
S.C. No. 4*		9/4	W42021 SEP 677	0.006	0.002			
S.C. No. 5*		9/4	W42022 SEP 677	0.003	0.002			
S.C. No. 6*		9/4	W42023 SEP 677	0.005	0.002			
Dis. to Creek					SMO # 686			
								AR10027

* Submit a minimum of one quart of sample.

AR100271

AI 9/5/60

9/7/77 Date

Chemist

WHITMOYER LABORATORIES REQUEST & REPORT FORM

LAB. REG. NO.	DATE RECEIVED	LEAVE BLANK - LABORATORY USE ONLY
W42292 SEP 27 77 W42294 SEP 27 77		

SUBMITTED BY	DATE SUBMITTED	SAMPLE IDENTIFICATION - CUSTOMER NAME
Fratz	Sept 26, 77	Tulp Creek 9-26-77 Stream Water D7

NO. OF SAMPLES	PROJECT NO.	CHARGE NO.	TIME CHARGE
Three (3) 1250 CC		7-8526-D	

FOR SUBMITTOR - ANALYTICAL WORK REQUIRED				FOR LABORATORY USE ONLY		
LAB. NO.	SAMPLE IDENTIFICATION	ANALYSIS	EXPECTED VALUE	RESULTS*	ANALYST	COMMENTS

*PERCENT, UNLESS OTHERWISE INDICATED

SAFETY WARNING — TOXIC ☐ FLAMMABLE ☐ EXPLOSIVE ON HEATING ☐ LACHRYMATOR ☐ SKIN IRRITANT ☐

SPECIAL INSTRUCTIONS AND COMMENTS: W42292

	Tot. As.	Sulfate	pH	Alkalinity	Hardness	Phosphorus
	LESS than	57.2 mg/l SMO 8/1/76	7.25 GPH 28/48	211 mg/l GPH 28/48	174 mg/l GPH 8/4/5	0.10 mg/l 0.04 mg/l
Calcite discharge	0.001					
W42293 Tulp Creek @ S.T.S. No 10	0.025	60.1 mg/l SMO 8/1/76	8.20 GPH 28/48	194 mg/l GPH 28/48	158 mg/l GPH 8/4/5	0.24 mg/l
W42294 Tulp Creek @ S.T.S. No 5	0.063	62.0 mg/l 8/1/76 SMO	8.34 GPH 28/48	200 mg/l GPH 28/48	148 mg/l GPH 8/4/5	0.39 mg/l

NO.	FILE CODE	DATE REPORTED	CHEMIST
		10-3-77	Del

AR100272

WHITMOYER LABORATORIES, INC.
A SUBSIDIARY OF ROHM AND HAAS COMPANY

ANALYTICAL REPORT - (COPY) #2

ANALYTICAL LABORATORY REQUEST & REPORT FORM

LAB. REG. NO. 42307 SEP 27 77 42309 SEP 27 77

DATE RECEIVED

LEAVE BLANK - LABORATORY USE ONLY

SUBMITTED BY Frantz

DATE SUBMITTED 9-27-77

SAMPLE IDENTIFICATION - CUSTOMER NAME Tulp Creek 9/27/77 Stream Water

LOT NO.(S)

NO. OF SAMPLES Thru-op (3) 1250 cc

PROJECT NO.

CHARGE NO. 78526-D

TIME CHARGE

FOR SUBMITTOR ANALYTICAL WORK REQUIRED — FOR LABORATORY USE ONLY

LAB. NO.	SAMPLE IDENTIFICATION	ANALYSIS	EXPECTED VALUE	RESULTS*	ANALYST	COMMENTS

*PERCENT, UNLESS OTHERWISE INDICATED

SAFETY WARNING — TOXIC ☐ FLAMMABLE ☐ EXPLOSIVE ON HEATING ☐ LACHRYMATOR ☐ SKIN IRRITANT ☐

SPECIAL INSTRUCTIONS AND COMMENTS:

	Tot. As.	Sulfate	pH	Alkalinity	Hardness	Phosphate
W42307 Calcite discharge	0.002 mg/l SMO #694	56.4 mg/l SMO 8/177	7.47 GPH 28/44	20 mg/l GPH 28/44	176 mg/l GPH 8/46	Below detect limits
W42308 Tulp Creek @ ST-S No 10	0.012 mg/l SMO #694	59.7 mg/l SMO 8/177	8.23 GPH 28/44	18 mg/l GPH 28/44	158 mg/l GPH 8/46	0.12 mg/l
W42309 Tulp Creek @ ST-S No 5	0.246 mg/l SMO #696	60.8 mg/l SMO 8/177	8.41 GPH 28/44	202 mg/l GPH 28/44	158 mg/l GPH 8/46	0.32 mg/l

DETECTION LIMIT 0.030 mg/l DC

AR100273

MEMO NO.	FILE CODE	DATE REPORTED	CHEMIST
		10/5/77	GPK

WHITMOYER LABORATORIES, INC.
A SUBSIDIARY OF ROHM AND HAAS COMPANY

ANALYTICAL REPORT - (COPY) #2

AR100273

ANALYTICAL LABORATORY REPORT & REPORT FORM

LAB. REG. NO.	DATE RECEIVED	LEAVE BLANK - LABORATORY USE ONLY
W42378 SEP 30 77 W42380 SEP 30 77		

SUBMITTED BY	DATE SUBMITTED	SAMPLE IDENTIFICATION - CUSTOMER NAME
Frantz	9-29-77	Tulp Creek 9/29/77 Stream Water

NO. OF SAMPLES	PROJECT NO.	CHARGE NO.	TIME CHARGE
Three (3) 1250 cc		9-8526-D	

FOR SUBMITTOR - ANALYTICAL WORK REQUIRED / FOR LABORATORY USE ONLY

LAB. NO.	SAMPLE IDENTIFICATION	ANALYSIS	EXPECTED VALUE	RESULTS*	ANALYST	COMMENTS

*PERCENT, UNLESS OTHERWISE INDICATED

SAFETY WARNING: TOXIC ☐ FLAMMABLE ☐ EXPLOSIVE ON HEATING ☐ LACHRYMATOR ☐ SKIN IRRITANT ☐

SPECIAL INSTRUCTIONS AND COMMENTS:

	Tot. As.	Sulfate	pH	Alkalinity	Hardness	Phos as PO
W42378 Calcite Discharge	0.001 mg/l	47.9 ms/l SMO 8/184	7.39 GPH 7/4/77	216 mg/l GPH 7/28/58	261 mg/l EXP 8/7/76	0.04 % PO4
W42379 Tulp Creek @ S.T.S. No 10	0.010 ms/l	45.8 ms/l SMO 8/184	8.18 GPH 7/4/77	194 mg/l GPH 7/28/58	231 mg/l EXP 8/7/76	0.16 %
W42380 Tulp Creek @ S.T.S. No 5	0.001 mg/l	49.6 ms/l SMO 8/184	8.40 GPH 7/4/77	193 mg/l GPH 7/28/58	175 mg/l EXP 8/7/76	0.25 %
	SMO #696					

AR100274

NO.	FILE CODE	DATE REPORTED	CHEMIST
		10-11-77	AEJ

WHITMOYER LABORATORIES, INC.
A SUBSIDIARY OF ROHM AND HAAS COMPANY

ANALYTICAL REPORT - (COPY) #2

LAB. REG. NO.	DATE RECEIVED	LEAVE BLANK - LABORATORY USE ONLY
W42391 SEP30 77 W42393 SEP30 77		

SUBMITTED BY	DATE SUBMITTED	SAMPLE IDENTIFICATION - CUSTOMER NAME
Frantz	9-30-77	Tulp Creek K 9/30/77 Stream Water #6

LOT NO.(S)	NO. OF SAMPLES	PROJECT NO.	CHARGE NO.	TIME CHARGE
	Three (3) 1250 CC		P-8526-D	

FOR SUBMITTOR - ANALYTICAL WORK REQUIRED / FOR LABORATORY USE ONLY

LAB. NO.	SAMPLE IDENTIFICATION		ANALYSIS		EXPECTED VALUE	RESULTS*	ANALYST	COMMENTS

*PERCENT, UNLESS OTHERWISE INDICATED

SAFETY WARNING: TOXIC ☐ FLAMMABLE ☐ EXPLOSIVE ON HEATING ☐ LACHRYMATOR ☐ SKIN IRRITANT ☐

SPECIAL INSTRUCTIONS AND COMMENTS:

	Tot. As.	Sulfate	pH	Alkalinity	Hardness	Phos as PO4
W42391 Calcite Discharge	0.003 mg/l SMO #496	49.9 mg/l SMO 8/185	EH: 7.62 GPH 28/58	218 mg/l GPH 28/58	260 mg/l EH 8/77	BELOW DETECTION LIMITS
W42392 Tulp Creek @ S.T.S. No 10	0.004 mg/l SMO #696	49.1 mg/l SMO 8/185	8.20 GPH 28/58	195 mg/l GPH 28/58	227 mg/l EH 8/77	9.8 mg/l
W42393 Tulp Creek @ S.T.S. No 5	0.068 mg/l SMO #696	51.6 mg/l SMO 8/185	8.37 GPH 28/58	200 mg/l GPH 28/58	220 mg/l EH 8/77	17.4 mg/l
						DETECTION LIMIT FOR PO4 = 0.03

MEMO NO.	FILE CODE	DATE REPORTED	CHEMIST
		10-11-77	nel

AR100275

WHITMOYER LABORATORIES, INC.
A SUBSIDIARY OF ROHM AND HAAS COMPANY

ANALYTICAL REPORT - (COPY) #2

ANALYTICAL LABORATORY REQUEST & REPORT FORM

LAB. REG. NO.	DATE RECEIVED	LEAVE BLANK - LABORATORY USE ONLY
42264 SEP 23 77 42266	SEP 23 77	

#2

SUBMITTED BY	DATE SUBMITTED	SAMPLE IDENTIFICATION - CUSTOMER NAME
Frantz	Sept 22, 77	Tulp Creek 9-22-77 stream Water

NO.(S)

21

NO. OF SAMPLES	PROJECT NO.	CHARGE NO.	TIME CHARGE
Three (3) 1250 cc		7-8526-D	

FOR SUBMITTOR - ANALYTICAL WORK REQUIRED / FOR LABORATORY USE ONLY

LAB. NO.	SAMPLE IDENTIFICATION	ANALYSIS	EXPECTED VALUE	RESULTS*	ANALYST	COMMENTS

*PERCENT, UNLESS OTHERWISE INDICATED

SAFETY WARNING: TOXIC ☐ FLAMMABLE ☐ EXPLOSIVE ON HEATING ☐ LACHRYMATOR ☐ SKIN IRRITANT ☐

SPECIAL INSTRUCTIONS AND COMMENTS:

	Tot. As.	Sulfate	pH	Alkalinity	Hardness	Phos as P
Baleite discharge W42264	0.006 mg/l	55.5 mg/l SMO 8/124	7.63 GPH 28/32	213 mg/l GPH 28/32	136 mg/l 8/45	① Below Lim. ② 0.053 mg/l
Tulpcreek @ S.T.S. No 10 W42265	0.002 mg/l	56.0 mg/l SMO 8/125	8.07 GPH 18/32	205 mg/l GPH 28/32	196 mg/l 8/45	① Below Lim. ② Below Lim.
Tulp Creek @ S.T.S. No 5 W42266	0.0216 mg/l SMO 9/24 693	55.5 mg/l SMO 8/125	8.18 GPH 18/32	145 mg/l GPH 28/32	193 mg/l 8/45	① 0.055 mg/l ② Below Lim.

LIMIT OF DETECTION = 0 mg/l AS P

AR100276

MO NO.	FILE CODE	DATE REPORTED	CHEMIST
		9-30-77	AEJ

WHITMOYER LABORATORIES, INC.
A SUBSIDIARY OF ROHM AND HAAS COMPANY

ANALYTICAL REPORT - (COPY) #2

LAB. REG. NO.	DATE RECEIVED	LEAVE BLANK - LABORATORY USE ONLY
W42246 SEP21 77 W42248	SEP21 77	

#1

SUBMITTED BY	DATE SUBMITTED	SAMPLE IDENTIFICATION - CUSTOMER NAME
Frantz	Sept 21, 77	Steam Water
LOT NO.(S)		Tulpehocken Creek 27

NO. OF SAMPLES	PROJECT NO.	CHARGE NO.	TIME CHARGE
Three (3) 1250CC		7-8526D	

FOR SUBMITTOR - ANALYTICAL WORK REQUIRED / FOR LABORATORY USE ONLY

LAB. NO.	SAMPLE IDENTIFICATION	ANALYSIS	EXPECTED VALUE	RESULTS*	ANALYST	COMMENTS
	See below	See below				

*PERCENT, UNLESS OTHERWISE INDICATED

SAFETY WARNING: TOXIC ☐ FLAMMABLE ☐ EXPLOSIVE ON HEATING ☐ LACHRYMATOR ☐ SKIN IRRITANT ☐

SPECIAL INSTRUCTIONS AND COMMENTS:

	Sulfate	pH	Alkalinity	Hardness	Phos as PO4
alpite W42246 Discharge	54.6 mg/l SMO 8/173	7.29 GPH 28/37	207 mg/l GPH 28/38	223 mg/l 8/44	0.074 mg/l
Alp Creek @ T.S No 10 W42247	55.3 mg/l SMO 8/174	8.09 GPH 28/37	195 mg/l GPH 28/38	213 mg/l 8/44	0.094 mg/l
Alp Creek @ T.S. No 5 W42248	55.0 mg/l SMO 8/174	8.30 GPH 28/37	192 mg/l GPH 28/38	193 mg/l 8/44	0.15 mg/l

MO NO.	FILE CODE		DATE REPORTED	CHEMIST
			9-30-77	AEL

AR100277

WHITMOYER LABORATORIES, INC.
A SUBSIDIARY OF ROHM AND HAAS COMPANY

ANALYTICAL REPORT - (COPY) #2

AR100277

WHITMOYER LABORATORIES, Inc.

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted

Analyze all samples for Inorganic Arsenic ☑

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	[illegible]
Well #1 BT Comp								Lagoon Com
Well #2 BT Comp					pH____			Lagoon Com
Well #3 BT Comp								Acid dilut
Well #4 BT Comp					pH____			Acid dilut
Well #5 BT Comp								Pit 3 Dil
Well #6 BT Comp					pH____			Pit 3 Dil
Well #7 BT Comp								Cooling
Well #9 BT Comp								Sewer Sa Stabilo
Well #9A BT Comp					pH____			Sewer Sa Stabilo
Well #10A BT Comp								A.T. Com
Well #11 BT Comp					pH____			A.T. Com
Well #15B BT Comp								C.M.M.E.
Well #16B BT Comp								C.M.M.E.
Well #17 BT Comp								A-2
S.C. No. 1*		6/7	h40650 [illegible]1377	0.067	0.013	SMC	#	654
S.C. No. 2*		6/7	h40650 [illegible]1377	0.013	0.010	SMC	#	654
S.C. No. 3*		6/7	h40650 [illegible]1377	0.011	0.008	SMC	#	654
S.C. No. 4*		6/7	h40650 [illegible]1377	0.006	0.002	SMC	#	654
S.C. No. 5*		6/12	h40650 [illegible]1377	0.002	Less than 0.001	SMC	#	654
S.C. No. 6*		6/17	h40650 [illegible]1377	0.002	0.001	SMC	#	654
Dis. to Creek								

* Submit a minimum of one quart of sample.

AR100278

6-16-77
Date

Chemist

AL 9/5/60

WHITMOYER LABORATORIES, Inc. • MERSETOWN, PENNSYLVANIA

WATER SAMPLES ANALITICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 6/26/77

Analyze all samples for Inorganic Arsenic ☑

R35/-SC

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Cell #1 BT Comp			All streams nearly					Lagoon Comp. = As
Cell #2 BT Comp			and low flow		pH____			Lagoon Comp. = pH
Cell #3 BT Comp								Acid dilution co
Cell #4 BT Comp					pH____			Acid dilution co
Cell #5 BT Comp								Pit @ Bldg. No.
Cell #6 BT Comp					pH____			Pit @ Bldg. No.
Cell #7 BT Comp								Cooling Water Discharge
Cell #9 BT Comp								Sewer Sample Station
Cell #9A BT Comp					pH____			Sewer Sample Station
Cell #10A BT Comp								A.T. Comp. = As
Cell #11 BT Comp					pH____			A.T. Comp. = pH
Cell #15B BT Comp								C.W.T.E.
Cell #16B BT Comp								C.W.T.E.
Cell #17 BT Comp								A-22
S.C. No. 1*		6/26	40665	0.059	0.041	SMO	#	656
S.C. No. 2*		6/26	40666	0.012	0.012	SMO	#	656
S.C. No. 3*		6/26	40667	0.008	0.004	SMO	#	656
S.C. No. 4*		6/26	40668	0.006	0.004	SMO	#	656
S.C. No. 5*		6/26	40669	0.001	Less than 0.001	SMO	#	656
S.C. No. 6*		6/26	40670	0.001	0.001	SMO	#	656
Dis. to Creek								

AR100279

* Submit a minimum of one quart of sample.

6-29-77 Date

AG Chemist

AL 9/5/60

WHITMOYER LABORATORIES, Inc. • MESHOPPEN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 6/1/77

Analyze all samples for Inorganic Arsenic ☑

17-9771-SC

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp					pH____			Lagoon Comp. = pH
Well #3 BT Comp								Acid dilution tan
Well #4 BT Comp					pH____			Acid dilution tan
Well #5 BT Comp								Pit @ Bldg. No. 7
Well #6 BT Comp					pH____			Pit @ Bldg. No. 8
Well #7 BT Comp								Cooling Water Discharge
Well #9 BT Comp								Sewer Sample Station #1
Well #9A BT Comp					pH____			Sewer Sample Station #1 pH
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp					pH____			A.T. Comp. = pH
Well #15B BT Comp								C.W.M.E.
Well #16B BT Comp								C.P.E.E.
Well #17 BT Comp								A-22
S.C. No. 1*		4/1	n40420 JUN 277	0.019	0.018	SMO	#	651
S.C. No. 2*		4/1	n40420 JUN 277	0.008	0.006	SMO	#	651
S.C. No. 3*		4/1	n40420 JUN 277	0.006	0.004	SMO	#	651
S.C. No. 4*		4/1	n40420 JUN 277	0.003	0.002	SMO	#	651
S.C. No. 5*		4/1	n40420 JUN 277	Less than 0.001	Less than 0.001	SMO	#	651
S.C. No. 6*		4/1	n40420 JUN 277	0.002	0.002	SMO	#	651
Dis. to Creek								
								AR100280

* Submit a minimum of one quart of sample.

6-6-77 Date

Chemist

AL 9/5/60

[illegible] Inc. [illegible]

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted [illegible]

Analyze all samples for Inorganic Arsenic ☑

[illegible]

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Cell #1 BT Comp								Lagoon Comp. = As
Cell #2 BT Comp					pH____			Lagoon Comp. = pH
Cell #3 BT Comp		[illegible]	[illegible]	[illegible]				Acid dilution [illegible]
Cell #4 BT Comp		[illegible]	[illegible]	[illegible]	pH____			Acid dilution [illegible]
Cell #5 BT Comp		[illegible]	[illegible]	[illegible]				Pit @ Bldg. No.
Cell #6 BT Comp		[illegible]	[illegible]		pH____			Pit @ Bldg. No. [illegible]
Cell #7 BT Comp								Cooling Water Discharge
Cell #9 BT Comp		[illegible]	[illegible]	[illegible]				Sewer Sample Station [illegible]
Cell #9A BT Comp			[illegible]	[illegible]	pH____			Sewer Sample Station [illegible]
Cell #10A BT Comp								A.I. Comp. = [illegible]
Cell #11 BT Comp					pH____			A.I. Comp. = pH
Cell #15B BT Comp								C.N.N.E.
Cell #16B BT Comp								C.N.E.E.
Cell #17 BT Comp								A-22
S.C. No. 1*		5/7	#40000 MAY 977	0.067	0.046	SMO	#	643
S.C. No. 2*		5/7	#40000 MAY 977	0.035	0.010	SMO	#	643
S.C. No. 3*		5/7	#40000 MAY 977	0.008	0.005	SMO	#	643
S.C. No. 4*		5/7	#40000 MAY 977	0.004	0.002	SMO	#	643
S.C. No. 5*		5/7	#40000 MAY 977	0.001	Less than 0.001	SMO	#	643
S.C. No. 6*		5/7	#40093 MAY 977	0.001	Less than 0.001	SMO	#	643
Dis. to Creek								

AR100281

* Submit a minimum of one quart of sample.

AL 9/5/69

AR100281

5-10-77 Date

[illegible] Chemist

WHITMOYER LABORATORIES, Inc. ◇ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic [✓] Date submitted 4-29-7

Analyze all samples for Inorganic Arsenic [✓]

SUBMIT IN DUPLICATE

F-93315C

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp			[illegible]		pH___			Lagoon Comp. = pH
Well #3 BT Comp			[illegible]					Acid dilution tank
Well #4 BT Comp			[illegible]		pH___			Acid dilution tank
Well #5 BT Comp			[illegible]					Pit @ Bldg. No. 6
Well #6 BT Comp					pH___			Pit @ Bldg. No. 6
Well #7 BT Comp								Cooling Water Discharge*
Well #9 BT Comp								Sewer Sample Station = As
Well #9A BT Comp					pH___			Sewer Sample Station = pH
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp					pH___			A.T. Comp. = pH
Well #15B BT Comp								C.W.W.E.
Well #16B BT Comp								C.W.E.E.
Well #17 BT Comp								A-22
S.C. No. 1*		4/25	h40016 AR2977	0.055	0.029	SMO	#	641
S.C. No. 2*		4/25	h40016 AR2977	0.013	0.006	SMO	#	641
S.C. No. 3*		4/25	h40015 AR2977	0.008	0.006	SMO	#	641
S.C. No. 4*		4/25	h40016 AR2977	0.005	0.004	SMO	#	641
S.C. No. 5*		4/25	h40017 AR2977	0.001	Less than 0.001	SMO	#	641
S.C. No. 6*		4/25	h40015 AR2977	0.002	0.001	SMO	#	641
Dis. to Creek								

* Submit a minimum of one quart of sample.

AR100282

5-2-77 AL

Date Chemist

AL 9/5/69

WHITMOYER LABORATORIES, Inc. ◆ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 4-17-7

Analyze all samples for Inorganic Arsenic ☑

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp					pH____			Lagoon Comp. = pH
Well #3 BT Comp		[illegible]						Acid dilution tank=
Well #4 BT Comp		[illegible]			pH____			Acid dilution tank=
Well #5 BT Comp		[illegible]						Pit @ Bldg. No. 6 =
Well #6 BT Comp		[illegible]			pH____			Pit @ Bldg. No. 6 =
Well #7 BT Comp		[illegible]						Cooling Water Discharge*
Well #9 BT Comp		[illegible]						Sewer Sample Station = As
Well #9A BT Comp					pH____			Sewer Sample Station = pH
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp					pH____			A.T. Comp. = pH
Well #15B BT Comp								C.W.W.E.
Well #16B BT Comp								C.W.E.E.
Well #17 BT Comp								A-22
S.C. No. 1*		4/17	HJ-662 AR1077	0.049	0.028	SMO	#	636
S.C. No. 2*		4/17	HJ-663 AR1077	0.020	0.010	SMO	#	636
S.C. No. 3*		4/17	HJ-664 AR1077	0.009	0.006	SMO	#	636
S.C. No. 4*		4/17	HJ-665 AR10	0.006	0.004	SMO	#	636
S.C. No. 5*		4/17	HJ-666 AR1077	0.001	less than 0.001	SMO	#	636
S.C. No. 6*		4/17	HJ-667 AR1077	0.002	0.001	SMO	#	636
Dis. to Creek								AR100283

* Submit a minimum of one quart of sample.

4-19-77 Date

AEJ Chemist

AL 9/5/69

WHITMOYER LABORATORIES, Inc. ◆ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 3-20-7

Analyze all samples for Inorganic Arsenic ☑

7-933/5 C

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp					pH____			Lagoon Comp. = pH
Well #3 BT Comp								Acid dilution tank=
Well #4 BT Comp					pH____			Acid dilution tank=
Well #5 BT Comp								Pit @ Bldg. No. 6 =
Well #6 BT Comp					pH____			Pit @ Bldg. No. 6 =
Well #7 BT Comp								Cooling Water Discharge*
Well #9 BT Comp								Sewer Sample Station = As
Well #9A BT Comp					pH____			Sewer Sample Station = pH
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp					pH____			A.T. Comp. = pH
Well #15B BT Comp								C.W.W.E.
Well #16B BT Comp								C.W.E.E.
Well #17 BT Comp								A-22
S.C. No. 1*		3/20	W0-417 MAR 21 77	0.066	0.036	SMO	#	626
S.C. No. 2*		3/20	W0-418 MAR 21 77	0.010	0.008	SMO	#	626
S.C. No. 3*		3/20	W0-419 MAR 21 77	0.008	0.004	SMO	#	626
S.C. No. 4*		3/20	W0-420 MAR 21 77	0.004	0.002	SMO	#	626
S.C. No. 5*		3/20	W0-421 MAR 21 77	0.001	Less than 0.001	SMO	#	626
S.C. No. 6*		3/20	W0-422 MAR 21 77	0.002	0.001	SMO	#	626
Dis. to Creek								
								AR100284

* Submit a minimum of one quart of sample.

AL 9/5/69

3-23-77 Date

Chemist

WHITMOYER LABORATORIES, Inc. ◆ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 3/26/77

Analyze all samples for Inorganic Arsenic ☑

7-8525

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp		1 =	Cloudy		pH___			Lagoon Comp. = pH
Well #3 BT Comp		2 =	"					Acid dilution tank =
Well #4 BT Comp		3 =	Muddy		pH___			Acid dilution tank =
Well #5 BT Comp		4 5 6	Muddy Hi flow					Pit @ Bldg. No. 6 =
Well #6 BT Comp		4	Flood Conditions		pH___			Pit @ Bldg. No. 6 =
Well #7 BT Comp								Cooling Water Discharge*
Well #9 BT Comp								Sewer Sample Station = As
Well #9A BT Comp					pH___			Sewer Sample Station = pH
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp		Rush			pH___			A.T. Comp. = pH
Well #15B BT Comp								C.W.W.E.
Well #16B BT Comp								C.W.E.E.
Well #17 BT Comp								A-22
S.C. No. 1*		2/26	[illegible]	0.031	0.035			[illegible]
S.C. No. 2*		2/26	[illegible]	0.022	0.010			[illegible]
S.C. No. 3*		2/26	[illegible]	0.007	0.003			[illegible]
S.C. No. 4*		2/26	[illegible]	0.007	0.003			[illegible]
S.C. No. 5*		2/26	[illegible]	0.001	Less than 0.001			[illegible]
S.C. No. 6*		2/26	[illegible]	0.002	0.001			[illegible]
Dis. to Creek								

AR100285

* Submit a minimum of one quart of sample.

3-1-77 Date

ACS Chemist

AL 9/5/69

WHITMOYER LABORATORIES, Inc. ◆ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 2/12/77

Analyze all samples for Inorganic Arsenic ☑

7-233/-5F

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Well #1 BT Comp								Lagoon Comp. = As
Well #2 BT Comp					pH____			Lagoon Comp. = pH
Well #3 BT Comp			[illegible]					Acid dilution tank
Well #4 BT Comp			[illegible]		pH____			Acid dilution tank
Well #5 BT Comp								Pit @ Bldg. No. 6
Well #6 BT Comp					pH____			Pit @ Bldg. No. 6
Well #7 BT Comp								Cooling Water Discharge*
Well #9 BT Comp								Sewer Sample Station = As
Well #9A BT Comp					pH____			Sewer Sample Station = pH
Well #10A BT Comp								A.T. Comp. = As
Well #11 BT Comp					pH____			A.T. Comp. = pH
Well #15B BT Comp								C.W.W.E.
Well #16B BT Comp								C.W.E.E.
Well #17 BT Comp			[illegible] 77					A-22
S.C. No. 1*		2/12	[illegible]	0.036	0.016	SMO	#	615
S.C. No. 2*		2/12	W38929 FEB 1 77	0.012	0.009	SMO	#	615
S.C. No. 3*		—	FROZEN					
S.C. No. 4*		2/12	W38922 FEB 1 77	0.006	0.002	SMO	#	615
S.C. No. 5*		—	FROZEN	~~0.000~~				
S.C. No. 6*		2/12	W38922 FEB 1 77	0.003	0.001	SMO	#	615
Dis. to Creek								

AR100286

* Submit a minimum of one quart of sample.

2-16-77 Date

Chemist

AL 9/5/69

WHITMOYER LABORATORIES, Inc. ◆ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted 1-31-7

Analyze all samples for Inorganic Arsenic ☑

UBMIT IN DUPLICATE

7-9331-5C

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
ell #1 BT Comp								Lagoon Comp. = As
ell #2 BT Comp					pH____			Lagoon Comp. = pH
ell #3 BT Comp								Acid dilution tank=
ell #4 BT Comp					pH____			Acid dilution tank=
ell #5 BT Comp								Pit @ Bldg. No. 6 =
ell #6 BT Comp					pH____			Pit @ Bldg. No. 6 =
ell #7 BT Comp								Cooling Water Discharge*
ell #9 BT Comp								Sewer Sample Station = As
ell #9A BT Comp					pH____			Sewer Sample Station = pH
ell #10A BT Comp								A.T. Comp. = As
ell #11 BT Comp					pH____			A.T. Comp. = pH
ell #15B BT Comp								C.W.W.E.
Vell #16B BT Comp								C.W.E.E.
Vell #17 BT Comp								A-22
S.C. No. 1*		1/31	W38775 LLE 177	0.026	0.014	SIMO	H	642
S.C. No. 2*			FROZEN					
S.C. No. 3*			"					
S.C. No. 4*			"					
S.C. No. 5*			"					
S.C. No. 6*			"					
Dis. to Creek								

AR100287

* Submit a minimum of one quart of sample.

2-2-77 Date

Chemist

AL 9/5/69

WHITMOYER LABORATORIES, Inc. ◆ MYERSTOWN, PENNSYLVANIA

WATER SAMPLES ANALYTICAL REPORT

Analyze all samples for Total Arsenic ☑ Date submitted Jan 17, 77

Analyze all samples for Inorganic Arsenic ☑

7-233/-5c

SUBMIT IN DUPLICATE

NAME	✓	DATE SMPL.	LAB NO./DATE REC'D	ARSENIC, PPM TOTAL	ARSENIC, PPM INORGANIC	DATE SMPL.	✓	NAME
Cell #1 BT Comp								Lagoon Comp. = As
Cell #2 BT Comp					pH____			Lagoon Comp. = pH
Cell #3 BT Comp								Acid dilution tank=
Cell #4 BT Comp					pH____			Acid dilution tank=
Cell #5 BT Comp								Pit @ Bldg. No. 6 =
Cell #6 BT Comp					pH____			Pit @ Bldg. No. 6 =
Cell #7 BT Comp								Cooling Water Discharge*
Cell #9 BT Comp		Sunday - All						Sewer Sample Station = As
#9A BT Comp		non frozen			pH____			Sewer Sample Station = pH
Cell #10A BT Comp		streams very						A.T. Comp. = As
Cell #11 BT Comp		clear.			pH____			A.T. Comp. = pH
Cell #15B BT Comp								C.W.W.E.
Cell #16B BT Comp								C.W.E.E.
Cell #17 BT Comp								A-22
S.C. No. 1*		1/16	438572 JAN1777	0.025	0.016	SMC	#	608, 609
S.C. No. 2*		1/16	438573 JAN1777	0.008	0.006	SMC	#	608, 609
S.C. No. 3*		-	FROZEN					
S.C. No. 4*		-	FROZEN					
S.C. No. 5*		-	FROZEN					
S.C. No. 6*		1/16	438574 JAN1777	0.003	0.002	SMC	#	608, 609
Dis. to Creek								

AR 00288

* Submit a minimum of one quart of sample.

AL 9/5/69

1-20-77 Date

Chemist