MONTROSS-WESTMORELAND SEWER AUTHORITY

TOWN HALL
15869 KINGS HWY.
P.O. BOX 10
MONTROSS, VA 22520
PH. (804) 493-9623
FAX (804) 493-9036

SECRETARY-TREASURER
BRENDA T. REAMY

RECEIVED
JUN 26 2008
PRO

CHAIRMAN
R. DAVID O'DELL, JR.

VICE CHAIRMAN
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RUSSELL E. CULVER

June 25, 2008

Ms. Denise M. Mosca
Environmental Specialist II
Department of Environmental Quality
4949-A Cox Road
Glen Allen, Va. 23060

Re: Application for VPDES Permit Reissuance VA0072729
Montross-Westmoreland Wastewater Treatment Plant

Dear Ms. Mosca:

In response to your request for additional information needed to process our application:

Form 2A

1. The plant and system was transferred to Westmoreland County by the Montross-Westmoreland Sewer Authority on June 20, 2008. A copy of the Change of Ownership Agreement/Legal Entity Name Change Form submitted to DEQ on May 30, 2008 is enclosed for your information.

2. The longitude 76 deg 50 min 17 sec that you have on record is correct; my mistake.

3. Disinfection method is ultraviolet light

4. Maximum PH is 8.85. We are requesting a waiver since the equalization basin has 24 plus hours of holding time.

5. We are requesting a waiver of the 24-hour composite sampling since the equalization basin has 24 plus hours of holding time and we use ultraviolet light for disinfection. Therefore we have no chlorine or chlorine residual.

Water Quality Monitoring

6. Enclosed please find copies of Microbac Certificate of Analysis from three samplings.

Sludge Application

7. The plant and system was transferred to Westmoreland County by the Montross-Westmoreland Sewer Authority on June 20, 2008. A copy of the Change of Ownership Agreement/Legal Entity Name Change Form submitted to DEQ on May 30, 2008 is enclosed for your information.

8. The amount of sludge generated on site is 36 dry metric tons.

If you need additional information, please let us know.

Yours truly,

Brenda T. Reamy

Brenda T. Reamy

Enc

CHANGE OF OWNERSHIP AGREEMENT/LEGAL ENTITY NAME CHANGE FORM

RE: Change of Ownership/Name Change

VPDES Permit No. VA0072729

Current Facility Name: Montross-Westmoreland WWTP

County/City of Westmoreland

COPY

RECEIVED
JUN 26 2008
PRO

TO: Virginia Department of Environmental Quality
Piedmont Regional Office
4949-A Cox Rd.
Glen Allen, VA 23060

We, the undersigned, hereby request a transfer of ownership for the referenced permit.
Anticipated date of transfer: June 5, 2008

CURRENT OWNER: I (We) hereby agree to the transfer of ownership modification to the referenced VPDES Permit.

Current Owner name as listed on the VPDES Permit Cover Page: Montross-Westmoreland Sewer Authority

Signed: [signature] Date: 5.30.08

Printed Name: R. David O'Dell, Jr. Title: Chairman

Address: P. O. Box 10 160 Lyell Street

Montross, Va. 22520

NEW OWNER: I (We) hereby agree to the change of ownership modification to the referenced VPDES Permit, and agree to accept all conditions and responsibilities of the permit.

Transferred permit to be issued to: Westmoreland County

Signed: [signature] Date: 5-30-08

Printed Name: Norm Risavi Title: County Administrator

Address: P O Box 1000

Montross, Va. 22520

Telephone: (804) 493-0130

This form must be signed by properly authorized individuals as specified in the VPDES Permit Regulation.

Microbac Laboratories, Inc.

Richmond Division
2028 Dabney Road, Suite E-17 • Richmond, VA 23230
Telephone (804) 353-1999 • FAX (804) 353-0330 • www.microbac.com
elab: www.microbacrichmond.com/elementweb/

CERTIFICATE OF ANALYSIS

December 18, 2007

LAB#: 0711501

CLIENT: R. P. Finch Inc
P.O. Box 340
Toano VA, 23168
Robert Finch

PROJECT: MWSA Permit Application
PROJECT NO.:
SAMPLED BY: Robert Finch
RECEIVED: 11/28/07

Audrey Brubeck
Technical Manager

CERTIFICATIONS:
VIRGINIA DRINKING WATER - 00150
NORTH CAROLINA DENR - 432
SOUTH CAROLINA DHEC - 93010001 & 93010002
MARYLAND DRINKING WATER - 279

Microbac

Lab ID: 0711501-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 11/28/07 11:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Phenolics, Total Recoverable	**0.013**	0.01	mg/L	12/6/07 18:02	12/6/07 18:02	EPA 420.1	LCR	BA
Oil & Grease HEM	<5	5	"	12/11/07 13:00	12/11/07 13:00	EPA 1664A	BAB	BA
Organochlorine Pesticides								
alpha-BHC	BQL	0.05	µg/L	11/30/07 16:50	12/7/07 20:00	EPA 608	DSK	
beta-BHC	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endosulfan I	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endosulfan II	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endosulfan sulfate	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endrin aldehyde	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Heptachlor epoxide	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Total PCBs	BQL	0.50	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Semivolatile Organic Compounds								
Benzidine	BQL	5	µg/L	11/29/07 10:30	12/5/07 22:55	EPA 625	DSK	
Bis(2-chloroethyl)ether	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
2-Chloronaphthalene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Di-n-butyl phthalate	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
3,3'-Dichlorobenzidine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Dimethyl phthalate	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
4,6-Dinitro-2-methylphenol	BQL	20	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
2,4-Dinitrophenol	BQL	20	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachlorobenzene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachlorobutadiene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachlorocyclopentadiene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachloroethane	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
N-Nitrosodimethylamine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
N-Nitrosodiphenylamine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
N-Nitroso-di-n-propylamine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
1,2-Diphenylhydrazine (Azobenzene)	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Wet Chemistry								
Ammonia-Nitrogen	**0.81**	0.05	mg/L	12/5/07 10:00	12/5/07 11:00	SM18/4500-NH3 H	TG	
CBOD	**2**	2	"	11/29/07 16:45	12/4/07 14:45	SM18/5210 B	ABS	

Microbac

Lab ID: 0711501-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 11/28/07 11:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Nitrate+Nitrite/Nitrogen	4.01	0.50	mg/L	11/28/07 14:00	11/28/07 15:00	SM18/4500-NO3 F & NO2 B	TG	
Total Phosphorus	0.24	0.05	"	12/2/07 12:00	12/3/07 11:00	SM18/4500-P B&F	TG	
Total Dissolved Solids	480	10.0	"	12/5/07 17:30	12/5/07 17:30	SM18/2540 C	ABS	
TKN	3.30	0.50	"	11/29/07 7:30	11/29/07 17:00	EPA 351.2	TG	
Total Suspended Solids	8	1	"	12/5/07 16:00	12/5/07 16:00	SM18/2540 D	ABS	

Microbac

Lab ID: 0711501-02 (Water)
Client ID: Outfall 001
Sampled Date/Time: 11/28/07 11:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Metals Dissolved								
Thallium	<0.05	0.05	mg/L	12/5/07 14:25	12/6/07 9:31	EPA 200.7	AVC	ME
Volatile Organic Compounds								
Acrolein	BQL	25	µg/L	12/3/07 12:25	12/3/07 23:59	EPA 624	SS	
Acrylonitrile	BQL	25	"	12/3/07 12:25	12/3/07 23:59	"	SS	
Bromomethane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
Chlorobenzene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
trans-1,2-Dichloroethene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
1,2-Dichloropropane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
trans-1,3 Dichloropropene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
cis-1,3-Dichloropropene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
1,1,2,2-Tetrachloroethane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
1,1,2-Trichloroethane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
Wet Chemistry								
Cyanide	BQL	0.01	mg/L	12/11/07 13:00	12/11/07 13:00	SM18/4500-CN C&E	ABS	

Notes and Definitions

ME Microbac Labs, Merrillville

BA Microbac Labs, Baltimore

mg/L = milligrams per Liter
µg/L = micrograms per Liter
pCi/L = picocuries per Liter
BQL = Below the Quantitation Limit
mg/kg = milligrams per kilogram
ppm = parts per million
CFU/mL = Colony forming units per milliliter
su = standard units
NTU = Nephelometric Turbidity Units
MPN/100mL = Most Probable Number per 100 milliliters

Reported results relate only to the samples analyzed, as received by the laboratory.

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Microbac Laboratories, Inc.

Richmond Division
2028 Debney Road, Suite E-17 ◆ Richmond, VA 23230
Telephone (804) 353-1999 ● FAX (804) 353-0330 ● www.microbac.com
elab: www.microbacrichmond.com/elamentweb/

CERTIFICATE OF ANALYSIS

March 27, 2008

LAB#: 0803208

CLIENT: R. P. Finch Inc
P.O. Box 340
Toano VA, 23168
Robert Finch

PROJECT: MWSA Permit Application
PROJECT NO.:
SAMPLED BY: Robert Finch
RECEIVED: 03/11/08

Audrey Brubeck
Technical Manager

CERTIFICATIONS: VIRGINIA DRINKING WATER - 00150
NORTH CAROLINA DEHP - 422
SOUTH CAROLINA DHEC - 93010001 & 93010002
MARYLAND DRINKING WATER - 279

Microbac

Lab ID: 0803208-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 3/11/08 10:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Phenolics, Total Recoverable	**0.18**	0.01	mg/L	3/20/08 6:00	3/20/08 6:00	EPA 420.1	LCR	BA
Metals								
Thallium	BQL	0.02	mg/L	3/12/08 10:45	3/13/08 11:00	EPA 200.7	TG	
Organochlorine Pesticides								
alpha-BHC	BQL	0.05	µg/L	3/17/08 11:40	3/20/08 21:38	EPA 608	DSK	
beta-BHC	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endosulfan I	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endosulfan II	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endosulfan sulfate	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endrin aldehyde	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Heptachlor epoxide	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Total PCBs	BQL	0.50	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Semivolatile Organic Compounds								
Benzidine	BQL	5	µg/L	3/13/08 16:30	3/25/08 23:15	EPA 625	DSK	
Bis(2-chloroethyl)ether	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
2-Chloronaphthalene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Di-n-butyl phthalate	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
3,3'-Dichlorobenzidine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Dimethyl phthalate	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
4,6-Dinitro-2-methylphenol	BQL	20	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
2,4-Dinitrophenol	BQL	20	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachlorobenzene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachlorobutadiene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachlorocyclopentadiene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachloroethane	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
N-Nitrosodimethylamine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
N-Nitrosodiphenylamine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
N-Nitroso-di-n-propylamine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
1,2-Diphenylhydrazine (Azobenzene)	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Volatile Organic Compounds								
Acrolein	BQL	25	µg/L	3/17/08 14:19	3/18/08 2:15	EPA 624	SS	

Microbac

Lab ID: 0803208-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 3/11/08 10:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds								
Acrylonitrile	BQL	25	µg/L	3/17/08 14:19	3/18/08 2:15	EPA 624	SS	
Bromomethane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
Chlorobenzene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
trans-1,2-Dichloroethene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
1,2-Dichloropropane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
cis-1,3-Dichloropropene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
trans-1,3 Dichloropropene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
1,1,2,2-Tetrachloroethane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
1,1,2-Trichloroethane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
Wet Chemistry								
CBOD	2	2	mg/L	3/12/08 10:05	3/17/08 11:15	SM18/5210 B	ABS	
Total Dissolved Solids	540	10.0	"	3/18/08 14:10	3/18/08 14:10	SM18/2540 C	JCM	
Total Suspended Solids	5	1	"	3/13/08 14:00	3/13/08 14:00	SM18/2540 D	KLC	

Microbac

Lab ID: 0803208-02 (Water)
Client ID: Outfall 001
Sampled Date/Time: 3/11/08 10:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Oil & Grease HEM	<5	5	mg/L	3/19/08 5:10	3/19/08 5:10	EPA 1664A	LCR	BA
Wet Chemistry								
Cyanide	BQL	0.01	"	3/21/08 11:45	3/21/08 14:00	SM18/4500-CN C&E	ABS	

Notes and Definitions

BA Microbac Labs, Baltimore

mg/L = milligrams per Liter
µg/L = micrograms per Liter
pCi/L = picocuries per Liter
BQL = Below the Quantitation Limit
mg/kg = milligrams per kilogram
ppm = parts per million
CFU/mL = Colony forming units per milliliter
su = standard units
NTU = Nephelometric Turbidity Units
MPN/100mL = Most Probable Number per 100 milliliters

Reported results relate only to the samples analyzed, as received by the laboratory.

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Microbac Laboratories, Inc.

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elab: www.microbacrichmond.com/elementweb/

CERTIFICATE OF ANALYSIS

April 25, 2008

LAB#: 0804263

CLIENT: R. P. Finch Inc
P.O. Box 340
Toano VA, 23168
Robert Finch

PROJECT: MWSA Permit Application
PROJECT NO.:
SAMPLED BY: Robert Finch
RECEIVED: 04/10/08

Audrey Brubeck
Technical Manager

CERTIFICATIONS: VIRGINIA DRINKING WATER - 00150
NORTH CAROLINA DENR - 432
SOUTH CAROLINA DHEC- 93010001 & 93010002
MARYLAND DRINKING WATER - 279

Microbac

Lab ID: 0804263-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 4/10/08 9:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Oil & Grease HEM	<5	5	mg/L		4/23/08 0:00	EPA 1664A	RWS	CH
Total Recoverable Phenolics	<0.005	0.005	"		4/16/08 0:00	EPA 420.1	TAR	CH
Cyanide	<0.01	0.01	"		4/17/08 0:00	SM20 4500CE	GLF	CH
Organochlorine Pesticides								
alpha-BHC	BQL	0.05	µg/L	4/16/08 13:45	4/24/08 15:08	EPA 608	DSK	
beta-BHC	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endosulfan I	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endosulfan II	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endosulfan sulfate	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endrin aldehyde	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Heptachlor epoxide	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Total PCBs	BQL	0.50	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Semivolatile Organic Compounds								
Benzidine	BQL	5	µg/L	4/14/08 14:30	4/17/08 17:20	EPA 625	DSK	
Bis(2-chloroethyl)ether	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
2-Chloronaphthalene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Di-n-butyl phthalate	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
3,3'-Dichlorobenzidine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Dimethyl phthalate	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
4,6-Dinitro-2-methylphenol	BQL	20	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
2,4-Dinitrophenol	BQL	20	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachlorobenzene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachlorobutadiene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachlorocyclopentadiene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachloroethane	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
N-Nitrosodimethylamine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
N-Nitrosodiphenylamine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
N-Nitroso-di-n-propylamine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
1,2-Diphenylhydrazine (Azobenzene)	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Volatile Organic Compounds								
Acrolein	BQL	25	µg/L	4/17/08 10:05	4/17/08 22:52	EPA 624	SS	

Microbac

Lab ID: 0804263-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 4/10/08 9:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds								
Acrylonitrile	BQL	25	µg/L	4/17/08 10:05	4/17/08 22:52	EPA 624	SS	
Bromomethane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
Chlorobenzene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
trans-1,2-Dichloroethene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
1,2-Dichloropropane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
cis-1,3-Dichloropropene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
trans-1,3 Dichloropropene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
1,1,2,2-Tetrachloroethane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
1,1,2-Trichloroethane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
Wet Chemistry								
Total Dissolved Solids	**460**	10.0	mg/L	4/11/08 15:00	4/11/08 15:00	SM18/2540 C	JCM	

Microbac

Lab ID: 0804263-02 (Water)
Client ID: Outfall 001-Filtered
Sampled Date/Time: 4/10/08 9:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Metals								
Thallium	BQL	0.02	mg/L	4/14/08 7:45	4/19/08 10:00	EPA 200.7	TG	

Notes and Definitions

CIJ Microbac Labs, Camp Hill

mg/L = milligrams per Liter
µg/L = micrograms per Liter
pCi/L = picocuries per Liter
BQL = Below the Quantitation Limit
mg/kg = milligrams per kilogram
ppm = parts per million
CFU/mL = Colony forming units per milliliter
su = standard units
NTU = Nephelometric Turbidity Units
MPN/100mL = Most Probable Number per 100 milliliters

Reported results relate only to the samples analyzed, as received by the laboratory.

This report shall not be reproduced, wholly or in part, without the consent of Microbac Laboratories, Inc - Richmond Division.

MONTROSS-WESTMORELAND SEWER AUTHORITY

TOWN HALL
15869 KINGS HWY.
P.O. BOX 10
MONTROSS, VA 22520
PH. (804) 493-9623
FAX (804) 493-9036

SECRETARY-TREASURER
BRENDA T. REAMY

RECEIVED
MAY 14 2008
PRO

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May 12, 2008

Ms. Denise M. Mosca
Environmental Specialist II
Department of Environmental Quality
4949-A Cox Road
Glen Allen, Va. 23060

Dear Ms. Mosca:

Enclosed please find the original and two copies of our application for VPDES Permit Reissuance VA0072729 for the Montross-Westmoreland Wastewater Treatment Plant.

If you have any questions or need additional information, please let me know.

Yours truly,

Brenda T. Reamy

Brenda T. Reamy

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant **VPDES PERMIT NUMBER:** VA 0072729

SECTION A. GENERAL INFORMATION

All applicants must complete this section.

1. Facility Information.
   a. Facility name: Montross-Westmoreland Wastewater Treatment Plant
   b. Contact person: R. David O'Dell, Jr.
      Title: Chairman
      Phone: ( ) 804 493 9623
   c. Mailing address:
      Street or P.O. Box: P O Box 10
      City or Town: Montross State: Va Zip: 22520
   d. Facility location:
      Street or Route #: 160 Lyell Street
      County: Westmoreland
      City or Town: Montross State: Va Zip: 22520
   e. Is this facility a Class I sludge management facility? __Yes X No
   f. Facility design flow rate: 0.130 mgd
   g. Total population served: 3695
   h. Indicate the type of facility:
      X Publicly owned treatment works (POTW)
      __ Privately owned treatment works
      __ Federally owned treatment works
      __ Blending or treatment operation
      __ Surface disposal site
      __ Other (describe): _____

2. Applicant Information. If the applicant is different from the above, provide the following:
   a. Applicant name: Montross-Westmoreland Sewer Authority
   b. Mailing address:
      Street or P.O. Box: P O Box 10
      City or Town: Montross State: Va Zip: 22520
   c. Contact person: R. David O'Dell, Jr.
      Title: Chairman
      Phone: ( ) 804 493-9623
   d. Is the applicant the owner or operator (or both) of this facility?
      X owner ____ operator
   e. Should correspondence regarding this permit be directed to the facility or the applicant? (Check one)
      ____ facility X applicant

3. Permit Information.
   a. Facility's VPDES permit number (if applicable): VA 0072729
   b. List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:

Permit Number:	Type of Permit:

4. Indian Country. Does any generation, treatment, storage, application to land or disposal of sewage sludge from this facility occur in Indian Country? __Yes X No If yes, describe:

_____

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: Va 0072729

5. Topographic Map. Provide a topographic map or maps (or other appropriate maps if a topographic map is unavailable) that shows the following information. Maps should include the area one mile beyond all property boundaries of the facility:
   a. Location of all sewage sludge management facilities, including locations where sewage sludge is generated, stored, treated, or disposed.
   b. Location of all wells, springs, and other surface water bodies listed in public records or otherwise known to the applicant within 1/4 mile of the property boundaries.

6. Line Drawing. Provide a line drawing and/or a narrative description that identifies all sewage sludge processes that will be employed during the term of the permit including all processes used for collecting, dewatering, storing, or treating sewage sludge, the destination(s) of all liquids and solids leaving each unit, and all methods used for pathogen reduction and vector attraction reduction.

7. Contractor Information. Are any operational or maintenance aspects of this facility related to sewage sludge generation, treatment, use or disposal the responsibility of a contractor? X Yes __ No
If yes, provide the following for each contractor (attach additional pages if necessary).
Name: Robert P. Finch, Inc. treatment and disposal
Mailing address:
Street or P.O. Box: P O Box 340
City or Town: Toano State: Va Zip: 23168-0340
Phone: ( ) 757-566-8022
Contractor's Federal, State or Local Permit Number(s) applicable to this facility's sewage sludge:
Contractor dewaters and disposes of sludge at aproved landfill
If the contractor is responsible for the use and/or disposal of the sewage sludge, provide a description of the service to be provided to the applicant and the respective obligations of the applicant and the contractor(s).

8. Pollutant Concentrations. Using the table below or a separate attachment, provide sewage sludge monitoring data for the pollutants which limits in sewage sludge have been established in 9 VAC 25-31-10 et seq. for this facility's expected use or disposal practices. All data must be based on three or more samples taken at least one month apart and must be no more than four and one-half years old.

POLLUTANT	CONCENTRATION (mg/kg dry weight)	SAMPLE DATE	ANALYTICAL METHOD	DETECTION LEVEL FOR ANALYSIS
Arsenic	BQL	4-21-08	SW 846/6010	0.02 mg/l
Cadmium	BQL	4-21-08	"	"
Chromium	BQL	4-21-08	"	"
Copper				
Lead	BQL	4-21-08	"	"
Mercury	BQL	4-21-08	SW 846/7470A	0.001 mg/l
Molybdenum				
Nickel				
Selenium				
Zinc				

9. Certification. Read and submit the following certification statement with this application. Refer to the instructions to determine who is an officer for purposes of this certification. Indicate which parts of the application you have completed and are submitting:

X Section A (General Information)
X Section B (Generation of Sewage Sludge or Preparation of a Material Derived from Sewage Sludge)
___ Section C (Land Application of Bulk Sewage Sludge)
___ Section D (Surface Disposal)

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant **VPDES PERMIT NUMBER:** VA 0072729

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title R. David O'Dell, Jr. Chairman

Signature _____ Date Signed 5/13/08

Telephone number 804 493-9623

Upon request of the department, you must submit any other information necessary to assess sewage sludge use or disposal practices at your facility or identify appropriate permitting requirements.

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: VA 0072729

SECTION B. GENERATION OF SEWAGE SLUDGE OR PREPARATION OF A MATERIAL DERIVED FROM SEWAGE SLUDGE

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

1. Amount Generated On Site.
   Total dry metric tons per 365-day period generated at your facility:_____ dry metric tons

2. Amount Received from Off Site. If your facility receives sewage sludge from another facility for treatment, use or disposal, provide the following information for each facility from which sewage sludge is received. If you receive sewage sludge from more than one facility, attach additional pages as necessary.
   a. Facility name: n/a
   b. Contact Person:_____
      Title: _____
      Phone ( )_____
   c. Mailing address:
      Street or P.O. Box:_____
      City or Town:_____ State:_____ Zip:_____
   d. Facility Address:_____
      (not P.O. Box) _____
   e. Total dry metric tons per 365-day period received from this facility:_____ dry metric tons
   f. Describe, on this form or on another sheet of paper, any treatment processes known to occur at the off-site facility, including blending activities and treatment to reduce pathogens or vector attraction characteristics:
      _____
      _____

3. Treatment Provided at Your Facility.
   a. Which class of pathogen reduction is achieved for the sewage sludge at your facility?
      __Class A X Class B __Neither or unknown
   b. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce pathogens in sewage sludge: Aerobic Digestion
   c. Which vector attraction reduction option is met for the sewage sludge at your facility?
      __ Option 1 (Minimum 38 percent reduction in volatile solids)
      __ Option 2 (Anaerobic process, with bench-scale demonstration)
      __ Option 3 (Aerobic process, with bench-scale demonstration)
      __ Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
      __ Option 5 (Aerobic processes plus raised temperature)
      __ Option 6 (Raise pH to 12 and retain at 11.5)
      __ Option 7 (75 percent solids with no unstabilized solids)
      __ Option 8 (90 percent solids with unstabilized solids)
      X None or unknown
   d. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge: Aerobic Digestion
   e. Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above: Aerobic Digestion

4. Preparation of Sewage Sludge Meeting Ceiling and Pollutant Concentrations, Class A Pathogen Requirements and One of Vector Attraction Reduction Options 1-8 (EQ Sludge).
   (If sewage sludge from your facility does not meet all of these criteria, skip Question 4.)
   a. Total dry metric tons per 365-day period of sewage sludge subject to this section that is applied to the land: 0 dry metric tons
   b. Is sewage sludge subject to this section placed in bags or other containers for sale or give-away?
      __Yes X No

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: VA 0072729

5. Sale or Give-Away in a Bag or Other Container for Application to the Land.

(Complete this question if you place sewage sludge in a bag or other container for sale or give-away prior to land application. Skip this question if sewage sludge is covered in Question 4.)

a. Total dry metric tons per 365-day period of sewage sludge placed in a bag or other container at your facility for sale or give-away for application to the land:_____ dry metric tons

b. Attach, with this application, a copy of all labels or notices that accompany the sewage sludge being sold or given away in a bag or other container for application to the land.

6. Shipment Off Site for Treatment or Blending. N/A

(Complete this question if sewage sludge from your facility is sent to another facility that provides treatment or blending. This question does not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge is covered in Questions 4 or 5. If you send sewage sludge to more than one facility, attach additional sheets as necessary.)

a. Receiving facility name:_____

b. Facility contact: _____

Title: _____

Phone: ( )_____

c. Mailing address:

Street or P.O. Box:_____

City or Town:_____ State:_____ Zip:_____

d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: _____ dry metric tons

e. List, on this form or an attachment, the receiving facility's VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the receiving facility's sewage sludge use or disposal practices:

Permit Number:	Type of Permit:
_____	_____
_____	_____

f. Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge from your facility? __Yes __No

Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility?

__Class A __Class B __Neither or unknown

Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce pathogens in sewage sludge:_____

_____

g. Does the receiving facility provide additional treatment to reduce vector attraction characteristics of the sewage sludge? __Yes __No

Which vector attraction reduction option is met for the sewage sludge at the receiving facility?

__ Option 1 (Minimum 38 percent reduction in volatile solids)
__ Option 2 (Anaerobic process, with bench-scale demonstration)
__ Option 3 (Aerobic process, with bench-scale demonstration)
__ Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
__ Option 5 (Aerobic processes plus raised temperature)
__ Option 6 (Raise pH to 12 and retain at 11.5)
__ Option 7 (75 percent solids with no unstabilized solids)
__ Option 8 (90 percent solids with unstabilized solids)
__ None unknown

Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce vector attraction properties of sewage sludge:_____

_____

h. Does the receiving facility provide any additional treatment or blending not identified in f or g above? __Yes __No

If yes, describe, on this form or another sheet of paper, the treatment processes not identified in f or g above:

_____

_____

i. If you answered yes to f., g or h above, attach a copy of any information you provide to the receiving facility to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G.

j Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or give-away for application to the land? __Yes __No
If yes, provide a copy of all labels or notices that accompany the product being sold or given away.

k. Will the sewage sludge be transported to the receiving facility in a truck-mounted watertight tank normally used for such purposes? ___ Yes ___ No. If no, provide description and specification on the vehicle used to transport the sewage sludge to the receiving facility.
Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of the week and the times of the day sewage sludge will be transported. _____

7. Land Application of Bulk Sewage Sludge. N/A
(Complete Question 7.a if sewage sludge from your facility is applied to the land, unless the sewage sludge is covered in Questions 4, 5 or 6; complete Question 7.b, c & d only if you are responsible for land application of sewage sludge.)

a. Total dry metric tons per 365-day period of sewage sludge applied to all land application sites:_____dry metric tons

b. Do you identify all land application sites in Section C of this application? __Yes __No
If no, submit a copy of the Land Application Plan (LAP) with this application (LAP should be prepared in accordance with the instructions).

c. Are any land application sites located in States other than Virginia? __Yes __No
If yes, describe, on this form or on another sheet of paper, how you notify the permitting authority for the States where the land application sites are located. Provide a copy of the notification.

d. Attach a copy of any information you provide to the owner or lease holder of the land application sites to comply with the "notice and necessary" information requirement of 9 VAC 25-31-530 F and/or H (Examples may be obtained in Appendix IV).

8. Surface Disposal. N/A
(Complete Question 8 if sewage sludge from your facility is placed on a surface disposal site.)

a. Total dry metric tons per 365-day period of sewage sludge from your facility placed on all surface disposal sites: _____ dry metric tons

b. Do you own or operate all surface disposal sites to which you send sewage sludge for disposal?
__Yes __No
If no, answer questions c - g for each surface disposal site that you do not own or operate. If you send sewage sludge to more than one surface disposal site, attach additional pages as necessary.

c. Site name or number: _____

d. Contact person: _____
Title: _____
Phone: ( )_____
Contact is: __Site Owner __Site operator

e. Mailing address.
Street or P.O. Box:_____
City or Town:_____ State:_____ Zip:_____

f. Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal site: _____ dry metric tons

g. List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:

Permit Number:	Type of Permit:
_____	_____
_____	_____

9. Incineration. N/A
(Complete Question 9 if sewage sludge from your facility is fired in a sewage sludge incinerator.)

a. Total dry metric tons per 365-day period of sewage sludge from your facility fired in a sewage sludge incinerator: _____ dry metric tons

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: VA 0072729

b. Do you own or operate all sewage sludge incinerators in which sewage sludge from your facility is fired?
___Yes ___No
If no, answer questions c - g for each sewage sludge incinerator that you do not own or operate. If you send sewage sludge to more than one sewage sludge incinerator, attach additional pages as necessary.

c. Incinerator name or number: _____

d. Contact person: _____
Title: _____
Phone: ( ) _____
Contact is: __Incinerator Owner __Incinerator Operator

e. Mailing address.
Street or P.O. Box: _____
City or Town: _____ State: _____ Zip: _____

f. Total dry metric tons per 365-day period of sewage sludge from your facility fired in this sewage sludge incinerator: _____ dry metric tons

g. List on this form or an attachment the numbers of all other federal, state or local permits that regulate the firing of sewage sludge at this incinerator:

Permit Number:	Type of Permit:

10. Disposal in a Municipal Solid Waste Landfill.

(Complete Question 10 if sewage sludge from your facility is placed on a municipal solid waste landfill. Provide the following information for each municipal solid waste landfill on which sewage sludge from your facility is placed. If sewage sludge is placed on more than one municipal solid waste landfill, attach additional pages as necessary.)

a. Landfill name: King George Landfill Inc. Waste Management

b. Contact person: Rick Corey
Title: Major Account Representative
Phone: (757) 558 6133
Contact is: __Landfill Owner X Landfill Operator

c. Mailing address.
Street or P.O. Box: 3016 Yadkin Rd.
City or Town: Chesapeake State: Va. Zip: 23323

d. Landfill location.
Street or Route #10156 Bullock Dr.
County:
City or Town: King George State: Va Zip: 22485

e. Total dry metric tons per 365-day period of sewage sludge placed in this municipal solid waste landfill:
36 dry metric tons

f. List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the operation of this municipal solid waste landfill:

Permit Number:	Type of Permit:
586	Va DEQ Solid Waste Management Permit

g. Does sewage sludge meet applicable requirements in the Virginia Solid Waste Management Regulation, 9 VAC 20-80-10 et seq., concerning the quality of materials disposed in a municipal solid waste landfill?
X Yes __No

h. Does the municipal solid waste landfill comply with all applicable criteria set forth in the Virginia Solid Waste Management Regulation, 9 VAC 20-80-10 et seq.? X Yes __No

i. Will the vehicle bed or other container used to transport sewage sludge to the municipal solid waste landfill be watertight and covered? X Yes ___ No
Show the haul route(s) on a location map or briefly describe the route below and indicate the days of the week and time of the day sewage sludge will be transported. From Montross North on Rt 3 for 33.3 miles. Turn right onto Bloomsbury Dr. 1.1 mile turn left onto Birchwood Creek Rd. 0.3 miles Turn right onto Bullock Dr. The truck would haul sludge midweek and midday and would occur once per month on average

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: VA 0072729

SECTION C. LAND APPLICATION OF BULK SEWAGE SLUDGE

Complete this section for sewage sludge that is land applied unless any of the following conditions apply:

The sewage sludge meets the Table 1 ceiling concentrations, the Table 3 pollutant concentrations, Class A pathogen requirements and one of the vector attraction reduction options 1-8 (fill out B.4 instead) (EQ Sludge); or

The sewage sludge is sold or given away in a bag or other container for application to the land (fill out B.5 instead); or

You provide the sewage sludge to another facility for treatment or blending (fill out B.6 instead).

Complete Section C for every site on which the sewage sludge that you reported in B.7 is land applied.

1. Identification of Land Application Site. N/A
   a. Site name or number: _____
   b. Site location (Complete i and ii)
      i. Street or Route#: _____
      County: _____
      City or Town: _____ State: _____ Zip: _____
      ii. Latitude: _____ Longitude: _____
      Method of latitude/longitude determination
      _____ USGS map _____ Filed survey _____ Other
   c. Topographic map. Provide a topographic map (or other appropriate map if a topographic map is unavailable) that shows the site location.

2. Owner Information.
   a. Are you the owner of this land application site? __Yes __No
   b. If no, provide the following information about the owner:
      Name: _____
      Street or P.O. Box: _____
      City or Town: _____ State: _____ Zip: _____
      Phone: ( ) _____

3. Applier Information:
   a. Are you the person who applies, or who is responsible for application of, sewage sludge to this land application site? __Yes __No
   b. If no, provide the following information for the person who applies the sewage sludge:
      Name: _____
      Street or P.O. Box: _____
      City or Town: _____ State: _____ Zip: _____
      Phone: ( ) _____
   c. List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the person who applies sewage sludge to this land application site:

Permit Number:	Type of Permit:
_____	_____
_____	_____

4. Site Type. Identify the type of land application site from among the following:
   __Agricultural land __Reclamation site __Forest
   __Public contact site __Other. Describe _____

5. Vector Attraction Reduction.
   Are any vector attraction reduction requirements met when sewage sludge is applied to the land application site?
   ___Yes ___No If yes, answer a and b.
   a. Indicate which vector attraction reduction option is met:
      __ Option 9 (Injection below land surface)
      __ Option 10 (Incorporation into soil within 6 hours)
   b. Describe, on this form or on another sheet of paper, any treatment processes used at the land application site to reduce the vector attraction properties of sewage sludge:
      _____
      _____

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: VA 0072729

6. Cumulative Loadings and Remaining Allotments.

(Complete Question 6 only if the sewage sludge applied to this site since July 20, 1993 is subject to the cumulative pollutant loading rates (CPLRs) - see instructions.)

a. Have you contacted DEQ or the permitting authority in the state where the sewage sludge subject to the CPLRs will be applied to ascertain whether bulk sewage sludge subject to the CPLRs has been applied to this site since July 20, 1993? __Yes __No

If no, sewage sludge subject to the CPLRs may not be applied to this site.

If yes, provide the following information:

Permitting authority: _____

Contact person: _____

Phone:( ) _____

b. Based upon this inquiry, has bulk sewage sludge subject to the CPLRs been applied to this site since July 20, 1993? __Yes __No If no, skip the rest of Question 6. If yes, answer questions c - e.

c. Site size, in hectares: _____ (one hectare = 2.471 acres)

d. Provide the following information for every facility other than yours that is sending or has sent sewage sludge subject to the CPLRs to this site since July 20, 1993. If more than one such facility sends sewage sludge to this site, attach additional pages as necessary.

Facility name: _____

Facility contact: _____

Title: _____

Phone: ( ) _____

Mailing address.

Street or P.O. Box: _____

City or Town: _____ State: _____ Zip: _____

e. Provide the total loading and allotment remaining, in kg/hectare, for each of the following pollutants:

	Cumulative loading	Allotment remaining
Arsenic	_____	_____
Cadmium	_____	_____
Copper	_____	_____
Lead	_____	_____
Mercury	_____	_____
Nickel	_____	_____
Selenium	_____	_____
Zinc	_____	_____

Complete Questions 7-12 below only if you apply sewage sludge, or you are responsible for land application of sewage sludge. Information required by these questions may be prepared as attachments to this form. Skip the following questions if you contract land application to someone else (as *indicated under Section A.7) who is responsible for the operation.*

7. Sludge Characterization. Use the table below or a separate attachment, provide at least one analysis for each parameter.

PCBs (mg/kg)	____
pH (S. U.)	____
Percent Solids (%)	____
Ammonium Nitrogen (mg/kg)	____
Nitrate Nitrogen (mg/kg)	____
Total Kjeldahl Nitrogen (mg/kg)	____
Total Phosphorus (mg/kg)	____
Total Potassium (mg/kg)	____
Alkalinity as $CaCO_3$* (mg/kg)	____

* Lime treated sludge (10% or more lime by dry weight) should be analyzed for percent $CaCO_3$.

8. Storage Requirements.
Existing and proposed sludge storage facilities must provide an estimated annual sludge balance on a monthly basis incorporating such factors as storage capacity, sludge production and land application schedule. Include pertinent calculations justifying storage requirements.
Proposed sludge storage facilities must also provide the following information:

a. A sludge storage site layout on a 7.5 minute topographic quadrangle or other appropriate scaled map to show the following topographic features of the surrounding landscape to a distance of 0.25 mile. Clearly mark the property line.
   1) Water wells, abandoned or operating
   2) Surface waters
   3) Springs
   4) Public water supply(s)
   5) Sinkholes
   6) Underground and/or surface mines
   7) Mine pool (or other) surface water discharge points
   8) Mining spoil piles and mine dumps
   9) Quarry(s)
   10) Sand and gravel pits
   11) Gas and oil wells
   12) Diversion ditch(s)
   13) Agricultural drainage ditch(s)
   14) Occupied dwellings, including industrial and commercial establishments
   15) Landfills or dumps
   16) Other unlined impoundments
   17) Septic tanks and drainfields
   18) Injection wells
   19) Rock outcrops

b. A topographic map of sufficient detail to clearly show the following information:
   1) Maximum and minimum percent slopes
   2) Depressions on the site that may collect water
   3) Drainageways that may attribute to rainfall run-on to or runoff from this site
   4) Portions of the site (if any) which are located with the 100-year floodplain and how the storage facility will be protected from flooding

c. Data and specifications for the storage facility lining material.

d. Plan and cross-sectional views of the storage facility.

e. Depth from the bottom of the storage facility to the seasonal high water table and separation distance to the permanent water table.

9. Land Area Requirements. Provide calculations justifying the land area requirements for land application of sewage sludge taking into consideration average soil productivity group, crop(s) to be grown and most limiting factor(s) of the sewage sludge, specifically Plant Available Nitrogen (PAN), Calcium Carbonate Equivalence (CCE), and metal loadings (CPLR sewage sludge only), where applicable. Relate PAN, CCE, and metal loadings to demonstrate the most limiting factor for land application.

10. Landowner Agreement Forms. Provide a properly completed Sewage Sludge Application Agreement Form (attached) for each landowner if sewage sludge is to be applied onto land not owned by the applicant.

---

11. Ground Water Monitoring.
Are any ground water monitoring data available for this land application site? __Yes __No
If yes, submit the ground water monitoring data with this permit application. Also submit a written description of the well locations, approximate depth to ground water, and the ground water monitoring procedures used to obtain these data.

12. Land Application Site Information.
(Complete Items a-d for sites receiving infrequent application - land application of sewage sludge up to the agronomic rate at a frequency of once in a 3 year period; complete Items a-h for sites receiving frequent application - land application of sewage sludge in excess of 70% the agronomic rate at a frequency greater than once in a 3 year period)

a. Provide a general location map for each county which clearly indicates the location of all the land application sites.

b. For each land application site provide a site plan of sufficient detail to clearly show the concerned landscape features and associated buffer zones (See instructions). Provide a legend for each landscape feature and the net acreage for each field taking into account the proposed buffer zones.

c. In order to ensure that land application of bulk sewage sludge will not impact federally listed threatened or endangered species or federally designated critical habitat, the applicant must notify the field office of the U. S. Department of the Interior, Fish and Wildlife Service (FWS), by a letter, the proposed land application activities with the identification of the land application sites. The address and phone number of FWS are provided below.

U. S. Fish and Wildlife Service
Virginia Field Office
P. O. Box 480
White Marsh, VA 23183
TEL: (804)693-6694

Provide a copy of the notification letter with this application form.

d. Provide a soil survey map, preferably photographically based, with the field boundaries clearly marked. (A USDA-SCS soil survey map should be provided, if available.)
Provide a detailed legend for each soil survey map which uses accepted USDA-SCS descriptions of the typifying pedon for each soil series (soil type). Complex associations may be described as a range of characteristics. Soil descriptions shall include as a minimum the following information.

1) Soil symbol
2) Soil series, textural phase and slope range
3) Depth to seasonal high water table
4) Depth to bedrock
5) Estimated soil productivity group (for the proposed crop rotation)

Item e - h are required for sites receiving frequent application of sewage sludge

e. In order to verify the information provided in item d, characterize the soil at each land application site. Representative soil borings or test pits to a depth of five feet or to bedrock if shallower, are to be coordinated for the typifying pedon of each soil series (soil type). Soil descriptions shall include as a minimum the following information:

1). Soil symbol
2). Soil series, textural phase and slope range
3). Depth to seasonal high water table
4). Depth to bedrock
5). Estimated soil productivity group (for the proposed crop rotation)

f. Collect and analyze soil samples from each field, weighted to best represent each of the soil borings performed for Item e. Using the table below or a separate attachment, provide at least one analysis per sample for each of the following parameters.

Soil Organic Matter (%)	_____
Soil pH (std. units)	_____
Cation Exchange Capacity (meq/100g)	_____
Total Nitrogen (ppm)	_____
Organic Nitrogen (ppm)	_____
Ammonia Nitrogen (ppm)	_____
Nitrate Nitrogen (ppm)	_____
Available Phosphorus (ppm)	_____
Exchangeable Potassium (mg/100g)	_____
Exchangeable Sodium (mg/100g)	_____
Exchangeable Calcium (mg/100g)	_____
Exchangeable Magnesium (mg/100g)	_____
Arsenic (ppm)	_____
Cadmium (ppm)	_____
Copper (ppm)	_____
Lead (ppm)	_____
Mercury (ppm)	_____
Molybdenum (ppm)	_____
Nickel (ppm)	_____
Selenium (ppm)	_____
Zinc (ppm)	_____
Manganese (ppm)	_____
Particle Size Analysis or USDA Textural Estimate (%)	_____

g. Relate the crop nutrient needs to anticipated yields, soil productivity rating and the various fertilizer or nutrient sources from sludge and chemical fertilizers. Describe any specialized agronomic management practices which may be required as a result of high soil pH. If the sludge is expected to possess an unusually high CCE or other unusual properties, provide a description of any plant tissue testing, supplemental fertilization or intensive agronomic management practices which may be necessary.

h. Using a narrative format and referencing any related charts, describe the proposed cropping system. Show how the crop rotation and management will be coordinated with the design of the land application system. Include any supplemental fertilization program, soil testing and the coordination of tillage practices, planting and harvesting schedules and timing of land application.

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant **VPDES PERMIT NUMBER:** VA 0072729

SEWAGE SLUDGE APPLICATION AGREEMENT

This sewage sludge application agreement is made on this date _____ between _____, referred to here as "landowner", and _____, referred to here as the "Permittee".

Landowner is the owner of agricultural land shown on the map attached as Exhibit A and designated there as _____ ("landowner's land"). Permittee agrees to apply and landowner agrees to comply with certain permit requirements following application of sewage sludge on landowner's land in amounts and in a manner authorized by VPDES permit number _____ which is held by the Permittee.

Landowner acknowledges that the appropriate application of sewage sludge will be beneficial in providing fertilizer and soil conditioning to the property. Moreover, landowner acknowledges having been expressly advised that, in order to protect public health, the following site restrictions must be adhered to when sewage sludge receives Class B treatment for pathogen reduction:

1. Food crops with harvested parts that touch the sewage sludge/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of sewage sludge;

2. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of sewage sludge when the sewage sludge remains on the land surface for four months or longer prior to incorporation into the soil;

3. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of sewage sludge when the sewage sludge remains on the land surface for less than four months prior to incorporation into the soil;

4. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of sewage sludge;

5. Animals shall not be grazed on the land for 30 days after application of sewage sludge;

6. Turf grown on land where sewage sludge is applied shall not be harvested for one year after application of the sewage sludge when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the State Water Control Board;

7. Public access to land with a high potential for public exposure shall be restricted for one year after application of sewage sludge;

8. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of sewage sludge.

9. Tobacco, because it has been shown to accumulate cadmium, should not be grown on landowner's land for three years following the application of sewage sludge borne cadmium equal to or exceeding 0.5 kilograms/hectare (0.45 pounds/acre).

Permittee agrees to notify landowner or landowner's designee of the proposed schedule for sewage sludge application and specifically prior to any particular application to landowner's land. This agreement may be terminated by either party upon written notice to the address specified below.

Landowner:	Permittee:
_____	_____
Signature	Signature
_____	_____
Mailing Address	Mailing Address

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: VA 0072729

SECTION D. SURFACE DISPOSAL

Complete this section only if you own or operate a surface disposal site. Provide the information for each active sewage sludge unit.

1. Information on Active Sewage Sludge Units.
   a. Unit name or number: _____
   b. Unit location
      i. Street or Route#: _____
         County: _____
         City or Town: _____ State: _____ Zip: _____
      ii. Latitude: _____ Longitude: _____
         Method of latitude/longitude determination
         _____ USGS map _____ Filed survey _____ Other
   c. Topographic map. Provide a topographic map (or other appropriate map if a topographic map is unavailable) that shows the site location.
   d. Total dry metric tons of sewage sludge placed on the active sewage sludge unit per 365-day period: _____ dry metric tons.
   e. Total dry metric tons of sewage sludge placed on the active sewage sludge unit over the life of the unit: _____ dry metric tons.
   f. Does the active sewage sludge unit have a liner with a minimum hydraulic conductivity of 1×10^{-7} cm/sec? __Yes __No If yes, describe the liner or attach a description.
      _____
      _____
   g. Does the active sewage sludge unit have a leachate collection system? __Yes __No
      If yes, describe the leachate collection system or attach a description. Also, describe the method used for leachate disposal and provide the numbers of any federal, state or local permits for leachate disposal:
      _____
      _____
      _____
   h. If you answered no to either f or g, answer the following:
      Is the boundary of the active sewage sludge unit less than 150 meters from the property line of the surface disposal site? __Yes __No If yes, provide the actual distance in meters: _____
   i. Remaining capacity of active sewage sludge unit, in dry metric tons: _____ dry metric tons
      Anticipated closure date for active sewage sludge unit, if known: _____ (MM/DD/YYYY)
      Provide with this application a copy of any closure plan developed for this active sewage sludge unit.

2. Sewage Sludge from Other Facilities.
   Is sewage sludge sent to this active sewage sludge unit from any facilities other than yours? __Yes __No
   If yes, provide the following information for each such facility, attach additional sheets as necessary.
   a. Facility name: _____
   b. Facility contact: _____
      Title: _____
      Phone: ( ) _____
   c. Mailing address.
      Street or P.O. Box: _____
      City or Town: _____ State: _____ Zip: _____
   d. List, on this form or an attachment, the facility's VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the facility's sewage sludge management practices:

Permit Number:	Type of Permit:
_____	_____
_____	_____

   e. Which class of pathogen reduction is achieved before sewage sludge leaves the other facility?
      __Class A __Class B __Neither or unknown
   f. Describe, on this form or on another sheet of paper, any treatment processes used at the other facility to reduce pathogens in sewage sludge: _____
      _____
      _____

FACILITY NAME: Montross-Westmoreland Wastewater Treatment Plant VPDES PERMIT NUMBER: VA 0072729

g. Which vector attraction reduction option is achieved before sewage sludge leaves the other facility?
__ Option 1 (Minimum 38 percent reduction in volatile solids)
__ Option 2 (Anaerobic process, with bench-scale demonstration)
__ Option 3 (Aerobic process, with bench-scale demonstration)
__ Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
__ Option 5 (Aerobic processes plus raised temperature)
__ Option 6 (Raise pH to 12 and retain at 11.5)
__ Option 7 (75 percent solids with no unstabilized solids)
__ Option 8 (90 percent solids with unstabilized solids)
__ None or unknown

h. Describe, on this form or another sheet of paper, any treatment processes used at the other facility to reduce vector attraction properties of sewage sludge:_____
_____
_____

i. Describe, on this form or another sheet of paper, any other sewage sludge treatment activities performed by the other facility that are not identified in e - h above:_____
_____
_____

3. Vector Attraction Reduction.

a. Which vector attraction reduction option, if any, is met when sewage sludge is placed on this active sewage sludge unit?
__ Option 9 (Injection below land surface)
__ Option 10 (Incorporation into soil within 6 hours)
__ Option 11 (Covering active sewage sludge unit daily)

b. Describe, on this form or another sheet of paper, any treatment processes used at the active sewage sludge unit to reduce vector attraction properties of sewage sludge: _____
_____
_____

4. Ground Water Monitoring.

a. Is ground water monitoring currently conducted at this active sewage sludge unit or are ground water monitoring data otherwise available for this active sewage sludge unit? ___Yes __No
If yes, provide a copy of available ground water monitoring data. Also provide a written description of the well locations, the approximate depth to ground water, and the ground water monitoring procedures used to obtain these data.

b. Has a ground water monitoring program been prepared for this active sewage sludge unit?
__Yes __No If yes, submit a copy of the ground water monitoring program with this application.

c. Have you obtained a certification from a qualified ground water scientist that the aquifer below the active sewage sludge unit has not been contaminated? __Yes __No
If yes, submit a copy of the certification with this application.

5. Site-Specific Limits.

Are you seeking site-specific pollutant limits for the sewage sludge placed on the active sewage sludge unit?
__Yes __No If yes, submit information to support the request for site-specific pollutant limits with this application.

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Montross-Westmoreland Wastewater Treatment Plant

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FORM **2A** NPDES

NPDES FORM 2A APPLICATION OVERVIEW

APPLICATION OVERVIEW

Form 2A has been developed in a modular format and consists of a "Basic Application Information" packet and a "Supplemental Application Information" packet. The Basic Application Information packet is divided into two parts. All applicants must complete Parts A and C. Applicants with a design flow greater than or equal to 0.1 mgd must also complete Part B. Some applicants must also complete the Supplemental Application Information packet. The following items explain which parts of Form 2A you must complete.

BASIC APPLICATION INFORMATION:

A. **Basic Application Information for all Applicants.** All applicants must complete questions A.1 through A.8. A treatment works that discharges effluent to surface waters of the United States must also answer questions A.9 through A.12.

B. **Additional Application Information for Applicants with a Design Flow ≥ 0.1 mgd.** All treatment works that have design flows greater than or equal to 0.1 million gallons per day must complete questions B.1 through B.6.

C. **Certification.** All applicants must complete Part C (Certification).

SUPPLEMENTAL APPLICATION INFORMATION:

D. **Expanded Effluent Testing Data.** A treatment works that discharges effluent to surface waters of the United States and meets one or more of the following criteria must complete Part D (Expanded Effluent Testing Data):

1. Has a design flow rate greater than or equal to 1 mgd,
2. Is required to have a pretreatment program (or has one in place), or
3. Is otherwise required by the permitting authority to provide the information.

E. **Toxicity Testing Data.** A treatment works that meets one or more of the following criteria must complete Part E (Toxicity Testing Data):

1. Has a design flow rate greater than or equal to 1 mgd,
2. Is required to have a pretreatment program (or has one in place), or
3. Is otherwise required by the permitting authority to submit results of toxicity testing.

F. **Industrial User Discharges and RCRA/CERCLA Wastes.** A treatment works that accepts process wastewater from any significant industrial users (SIUs) or receives RCRA or CERCLA wastes must complete Part F (Industrial User Discharges and RCRA/CERCLA Wastes). SIUs are defined as:

1. All industrial users subject to Categorical Pretreatment Standards under 40 Code of Federal Regulations (CFR) 403.6 and 40 CFR Chapter I, Subchapter N (see instructions); and
2. Any other industrial user that:
   a. Discharges an average of 25,000 gallons per day or more of process wastewater to the treatment works (with certain exclusions); or
   b. Contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or
   c. Is designated as an SIU by the control authority.

G. **Combined Sewer Systems.** A treatment works that has a combined sewer system must complete Part G (Combined Sewer Systems).

ALL APPLICANTS MUST COMPLETE PART C (CERTIFICATION)

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BASIC APPLICATION INFORMATION

PART A. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS

All treatment works must complete questions A.1 through A.8 of this Basic Application Information packet.

A.1. Facility Information.

Facility name: Montross-Westmoreland Wastewater Treatment Plant

Mailing Address: P O Box 10
Montross, Va. 22520

Contact person: R. David O'Dell, Jr.

Title: Chairman

Telephone number: 804 493-9623

Facility Address (not P.O. Box): 160 Lyell Street
Montross, Va. 22520

A.2. Applicant Information. *If the applicant is different from the above, provide the following:*

Applicant name: Montross-Westmoreland Sewer Authority

Mailing Address: P O Box 10
Montross, Va. 22520

Contact person: R. David O'Dell, Jr.

Title: Chairman

Telephone number: 804 493-9623

Is the applicant the owner or operator (or both) of the treatment works?

X owner ____ operator

Indicate whether correspondence regarding this permit should be directed to the facility or the applicant.

____ facility X applicant

A.3. Existing Environmental Permits. Provide the permit number of any existing environmental permits that have been issued to the treatment works (include state-issued permits).

NPDES ____ PSD ____
UIC ____ Other VPDES #VA0072729
RCRA ____ Other ____

A.4. Collection System Information. Provide information on municipalities and areas served by the facility. Provide the name and population of each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private, etc.).

Name	Population Served	Type of Collection System	Ownership
Town of Montross	315	Separate	Municipal
Westmoreland County	3380	Separate	Municipal

Total population served 3695

A.5. Indian Country.

a. Is the treatment works located in Indian Country?

_____ Yes X No

b. Does the treatment works discharge to a receiving water that is either in Indian Country or that is upstream from (and eventually flows through) Indian Country?

_____ Yes X No

A.6. Flow. Indicate the design flow rate of the treatment plant (i.e., the wastewater flow rate that the plant was built to handle). Also provide the average daily flow rate and maximum daily flow rate for each of the last three years. Each year's data must be based on a 12-month time period with the 12th month of "this year" occurring no more than three months prior to this application submittal.

a. Design flow rate .130 mgd

	Two Years Ago	Last Year	This Year	
b. Annual average daily flow rate	0.062	0.048	0.045	mgd
c. Maximum daily flow rate	0.123	0.127	0.129	mgd

A.7. Collection System. Indicate the type(s) of collection system(s) used by the treatment plant. Check all that apply. Also estimate the percent contribution (by miles) of each.

X Separate sanitary sewer 100 %

_____ Combined storm and sanitary sewer _____ %

A.8. Discharges and Other Disposal Methods.

a. Does the treatment works discharge effluent to waters of the U.S.? X Yes _____ No

If yes, list how many of each of the following types of discharge points the treatment works uses:

i. Discharges of treated effluent 1

ii. Discharges of untreated or partially treated effluent _____

iii. Combined sewer overflow points _____

iv. Constructed emergency overflows (prior to the headworks) _____

v. Other _____ _____

b. Does the treatment works discharge effluent to basins, ponds, or other surface impoundments that do not have outlets for discharge to waters of the U.S.? _____ Yes X No

If yes, provide the following for each surface impoundment:

Location: _____

Annual average daily volume discharged to surface impoundment(s) _____ mgd

Is discharge _____ continuous or _____ intermittent?

c. Does the treatment works land-apply treated wastewater? _____ Yes X No

If yes, provide the following for each land application site:

Location: _____

Number of acres: _____

Annual average daily volume applied to site: _____ Mgd

Is land application _____ continuous or _____ intermittent?

d. Does the treatment works discharge or transport treated or untreated wastewater to another treatment works? _____ Yes X No

If yes, describe the mean(s) by which the wastewater from the treatment works is discharged or transported to the other treatment works (e.g., tank truck, pipe).

_____

If transport is by a party other than the applicant, provide:

Transporter name: N/A

Mailing Address: _____

_____

Contact person: _____

Title: _____

Telephone number: _____

For each treatment works that receives this discharge, provide the following:

Name: _____

Mailing Address: _____

_____

Contact person: _____

Title: _____

Telephone number: _____

If known, provide the NPDES permit number of the treatment works that receives this discharge. _____

Provide the average daily flow rate from the treatment works into the receiving facility. _____ mgd

e. Does the treatment works discharge or dispose of its wastewater in a manner not included in A.8.a through A.8.d above (e.g., underground percolation, well injection)? _____ Yes X No

If yes, provide the following for each disposal method:

Description of method (including location and size of site(s) if applicable):

_____

Annual daily volume disposed of by this method: _____

Is disposal through this method _____ continuous or _____ intermittent?

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WASTEWATER DISCHARGES:

If you answered "yes" to question A.8.a, complete questions A.9 through A.12 once for each outfall (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. If you answered "no" to question A.8.a, go to Part B, "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

A.9. Description of Outfall.

a. Outfall number 001

b. Location

(City or town, if applicable) (Zip Code)
Westmoreland County Virginia
(County) (State)
38° 5 min 8 sec 76° 15 min 17 sec
(Latitude) (Longitude)

c. Distance from shore (if applicable) 10 ft.

d. Depth below surface (if applicable) 1 ft.

e. Average daily flow rate 0.045 mgd

f. Does this outfall have either an intermittent or a periodic discharge? X Yes ____ No (go to A.9.g.)

If yes, provide the following information:

Number of times per year discharge occurs: 2920

Average duration of each discharge: 60 min

Average flow per discharge: 0.0056 mgd

Months in which discharge occurs: All 12 months

g. Is outfall equipped with a diffuser? X Yes ____ No

A.10. Description of Receiving Waters.

a. Name of receiving water Ruin Branch, Cat Point Creek

b. Name of watershed (if known) Cat Point Creek

United States Soil Conservation Service 14-digit watershed code (if known): ____

c. Name of State Management/River Basin (if known): Rappahannock River

United States Geological Survey 8-digit hydrologic cataloging unit code (if known): ____

d. Critical low flow of receiving stream (if applicable):
acute ____ cfs chronic ____ cfs

e. Total hardness of receiving stream at critical low flow (if applicable): ____ mg/l of $CaCO_3$

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Montross-Westmoreland Wastewater Treatment Plant

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A.11. Description of Treatment.

a. What levels of treatment are provided? Check all that apply.

____ Primary ____ Secondary

X Advanced ____ Other. Describe: Sequenced Batch Reactor

b. Indicate the following removal rates (as applicable):

Design BOD_5 removal or Design $CBOD_5$ removal	93	%
Design SS removal	93	%
Design P removal	80	%
Design N removal	90	%
Other ____		%

c. What type of disinfection is used for the effluent from this outfall? If disinfection varies by season, please describe.

If disinfection is by chlorination, is dechlorination used for this outfall? ____ Yes ____ No

d. Does the treatment plant have post aeration? X Yes ____ No

A.12. Effluent Testing Information. All Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three samples and must be no more than four and one-half years apart.

Outfall number: 001

PARAMETER	MAXIMUM DAILY VALUE		AVERAGE DAILY VALUE		
	Value	Units	Value	Units	Number of Samples
pH (Minimum)	6.71	s.u.			
pH (Maximum)		s.u.			
Flow Rate	0.129	MGD	0.045	MGD	1095
Temperature (Winter)	Ambient				
Temperature (Summer)	Ambient				

* For pH please report a minimum and a maximum daily value

POLLUTANT		MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
		Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.								
BIOCHEMICAL OXYGEN	BOD-5							
DEMAND (Report one)	CBOD-5	41.60	mg/l	2.75	mg/l	472	SM20/540-B	< 2.00
FECAL COLIFORM - e-coli		24.20	N/CML	3.5	N/CML	82	SM9221F	< 2.00
TOTAL SUSPENDED SOLIDS (TSS)		6.57	mg/l	2.20	mg/l	36	EPA 160.2	< 1.00

END OF PART A.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER: VA 0072729

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BASIC APPLICATION INFORMATION

PART B: ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day)

All applicants with a design flow rate ≥ 0.1 mgd must answer questions B.1 through B.6. All others go to Part C (Certification).

B.1. Inflow and Infiltration. Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration.

0 gpd

Briefly explain any steps underway or planned to minimize inflow and infiltration.

B.2. Topographic Map. Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. This map must show the outline of the facility and the following information. (You may submit more than one map if one map does not show the entire area.)

a. The area surrounding the treatment plant, including all unit processes.

b. The major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which treated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.

c. Each well where wastewater from the treatment plant is injected underground.

d. Wells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment works, and 2) listed in public record or otherwise known to the applicant.

e. Any areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.

f. If the treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or disposed.

B.3. Process Flow Diagram or Schematic. Provide a diagram showing the processes of the treatment plant, including all bypass piping and all backup power sources or redundancy in the system. Also provide a water balance showing all treatment units, includingdisinfection (e.g, chlorination and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily flow rates between treatment units. Include a brief narrative description of the diagram.

B.4. Operation/Maintenance Performed by Contractor(s).

Are any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a contractor? X Yes ___ No

If yes, list the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional pages if necessary).

Name: Robert P. Finch, Inc. (Contract Operator)

Mailing Address: P O Box 340
Toano, Va. 23168

Telephone Number: 757 566-8022

Responsibilities of Contractor: Operation and maintenance of treatment plant, pump stations and collection system.

B.5. Scheduled Improvements and Schedules of Implementation. Provide information on any uncompleted implementation schedule or uncompleted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the treatment works has several different implementation schedules or is planning several improvements, submit separate responses to question B.5 for each. (If none, go to question B.6.)

a. List the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.

001

b. Indicate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies.

X Yes ___ No

c If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

_____

d. Provide dates imposed by any compliance schedule or any actual dates ofcompletion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

Implementation Stage	Schedule MM / DD / YYYY	Actual Completion MM / DD / YYYY
– Begin construction	__/__/____	__/__/____
– End construction	__/__/____	__/__/____
– Begin discharge	__/__/____	__/__/____
– Attain operational level	__/__/____	__/__/____

e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained? ____Yes ____No

Describe briefly: _____

_____

B.6. EFFLUENT TESTING DATA (GREATER THAN 0.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number: 001

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.							
AMMONIA (as N)						SM18/4500-NH3	0.05
CHLORINE (TOTAL RESIDUAL, TRC)							
DISSOLVED OXYGEN	12.31	mg/l	8.79	mg/l	1095	SM18/4500-C16	
TOTAL KJELDAHL NITROGEN (TKN)	40.50	mg/l	3.41	mg/l	472	EPA 351.2	0.50
NITRATE PLUS NITRITE NITROGEN	13.2	mg/l	3.48	mg/l	76	SM18/4500 NO3F &NO2B	0.02
OIL and GREASE	<5	mg/l	<5	mg/l	3	EPA 1664A	5
PHOSPHORUS (Total)	4.24	mg/l	0.67	mg/l	76	SM18/4500-P B&F	0.05
TOTAL DISSOLVED SOLIDS (TDS)	540	mg/l	493	mg/l	3	SM18/2540C	10.0
OTHER							

END OF PART B.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

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BASIC APPLICATION INFORMATION

PART C. CERTIFICATION

All applicants must complete the Certification Section. Refer to instructions to determine who is an officer for the purposes of this certification. All applicants must complete all applicable sections of Form 2A, as explained in the Application Overview. Indicate below which parts of Form 2A you have completed and are submitting. By signing this certification statement, applicants confirm that they have reviewed Form 2A and have completed all sections that apply to the facility for which this application is submitted.

Indicate which parts of Form 2A you have completed and are submitting:

X Basic Application Information packet

Supplemental Application Information packet:

_____ Part D (Expanded Effluent Testing Data)

_____ Part E (Toxicity Testing: Biomonitoring Data)

_____ Part F (Industrial User Discharges and RCRA/CERCLA Wastes)

_____ Part G (Combined Sewer Systems)

ALL APPLICANTS MUST COMPLETE THE FOLLOWING CERTIFICATION.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title: R. David O'Dell, Jr. Chairman

Signature: R D O'Dell

Telephone number: 804 493-9623

Date signed: 6.13.08

Upon request of the permitting authority, you must submit any other information necessary to assess wastewater treatment practices at the treatment works or identify appropriate permitting requirements.

SEND COMPLETED FORMS TO:

FACILITY NAME AND PERMIT NUMBER: VA 0072729
Montross-Westmoreland Wastewater Treatment Plant

Form Approved 1/14/99
OMB Number 2040-0086

SUPPLEMENTAL APPLICATION INFORMATION

PART D. EXPANDED EFFLUENT TESTING DATA

Refer to the directions on the cover page to determine whether this section applies to the treatment works.

Effluent Testing: 1.0 mgd and Pretreatment Treatment Works. If the treatment works has a design flow greater than or equal to 1.0 mgd or it has (or is required to have) a pretreatment program, or is otherwise required by the permitting authority to provide the data, then provide effluent testing data for the following pollutants. Provide the indicated effluent testing information and any other information required by the permitting authority for each outfall through which effluent is discharged. *Do not include information on combined sewer overflows in this section.* All information reported must be based on data collected through analyses conducted using 40 CFR Part 136 methods. In addition, these data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. Indicate in the blank rows provided below any data you may have on pollutants not specifically listed in this form. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
METALS (TOTAL RECOVERABLE), CYANIDE, PHENOLS, AND HARDNESS.											
ANTIMONY											
ARSENIC											
BERYLLIUM											
CADMIUM											
CHROMIUM											
COPPER											
LEAD											
MERCURY											
NICKEL											
SELENIUM											
SILVER											
THALLIUM											
ZINC											
CYANIDE											
TOTAL PHENOLIC COMPOUNDS											
HARDNESS (AS $CaCO_3$)											
Use this space (or a separate sheet) to provide information on other metals requested by the permit writer.											

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Montross-Westmoreland Wastewater Treatment Plant

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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE						
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
VOLATILE ORGANIC COMPOUNDS.											
ACROLEIN											
ACRYLONITRILE											
BENZENE											
BROMOFORM											
CARBON TETRACHLORIDE											
CLOROBENZENE											
CHLORODIBROMO-METHANE											
CHLOROETHANE											
2-CHLORO-ETHYLVINYL ETHER											
CHLOROFORM											
DICHLOROBROMO-METHANE											
1,1-DICHLOROETHANE											
1,2-DICHLOROETHANE											
TRANS-1,2-DICHLORO-ETHYLENE											
1,1-DICHLOROETHYLENE											
1,2-DICHLOROPROPANE											
1,3-DICHLORO-PROPYLENE											
ETHYLBENZENE											
METHYL BROMIDE											
METHYL CHLORIDE											
METHYLENE CHLORIDE											
1,1,2,2-TETRACHLORO-ETHANE											
TETRACHLORO-ETHYLENE											
TOLUENE											

FACILITY NAME AND PERMIT NUMBER: VA 0072729
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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
1,1,1-TRICHLOROETHANE											
1,1,2-TRICHLOROETHANE											
TRICHLORETHYLENE											
VINYL CHLORIDE											
Use this space (or a separate sheet) to provide information on other volatile organic compounds requested by the permit writer.											
ACID-EXTRACTABLE COMPOUNDS											
P-CHLORO-M-CRESOL											
2-CHLOROPHENOL											
2,4-DICHLOROPHENOL											
2,4-DIMETHYLPHENOL											
4,6-DINITRO-O-CRESOL											
2,4-DINITROPHENOL											
2-NITROPHENOL											
4-NITROPHENOL											
PENTACHLOROPHENOL											
PHENOL											
2,4,6-TRICHLOROPHENOL											
Use this space (or a separate sheet) to provide information on other acid-extractable compounds requested by the permit writer.											
BASE-NEUTRAL COMPOUNDS.											
ACENAPHTHENE											
ACENAPHTHYLENE											
ANTHRACENE											
BENZIDINE											
BENZO(A)ANTHRACENE											

BENZO(A)PYRENE											

FACILITY NAME AND PERMIT NUMBER: VA 0072729
Montross-Westmoreland Wastewater Treatment Plant

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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
3,4 BENZO-FLUORANTHENE											
BENZO(GHI)PERYLENE											
BENZO(K)FLUORANTHENE											
BIS (2-CHLOROETHOXY) METHANE											
BIS (2-CHLOROETHYL)-ETHER											
BIS (2-CHLOROISO-PROPYL) ETHER											
BIS (2-ETHYLHEXYL) PHTHALATE											
4-BROMOPHENYL PHENYL ETHER											
BUTYL BENZYL PHTHALATE											
2-CHLORONAPHTHALENE											
4-CHLORPHENYL PHENYL ETHER											
CHRYSENE											
DI-N-BUTYL PHTHALATE											
DI-N-OCTYL PHTHALATE											
DIBENZO(A,H) ANTHRACENE											
1,2-DICHLOROBENZENE											
1,3-DICHLOROBENZENE											
1,4-DICHLOROBENZENE											
3,3-DICHLOROBENZIDINE											
DIETHYL PHTHALATE											
DIMETHYL PHTHALATE											
2,4-DINITROTOLUENE											
2,6-DINITROTOLUENE											

1,2-DIPHENYLHYDRAZINE											

FACILITY NAME AND PERMIT NUMBER: VA 0072729
Montross-Westmoreland Wastewater Treatment Plant

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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
FLUORANTHENE											
FLUORENE											
HEXACHLOROBENZENE											
HEXACHLOROBUTADIENE											
HEXACHLOROCYCLO-PENTADIENE											
HEXACHLOROETHANE											
INDENO(1,2,3-CD)PYRENE											
ISOPHORONE											
NAPHTHALENE											
NITROBENZENE											
N-NITROSODI-N-PROPYLAMINE											
N-NITROSODI- METHYLAMINE											
N-NITROSODI-PHENYLAMINE											
PHENANTHRENE											
PYRENE											
1,2,4-TRICHLOROBENZENE											

Use this space (or a separate sheet) to provide information on other base-neutral compounds requested by the permit writer.

Use this space (or a separate sheet) to provide information on other pollutants (e.g., pesticides) requested by the permit writer.

END OF PART D.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER: VA 0072729
Montross-Westmoreland Wastewater Treatment Plant

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SUPPLEMENTAL APPLICATION INFORMATION

PART E. TOXICITY TESTING DATA

POTWs meeting one or more of the following criteria must provide the results of whole effluent toxicity tests for acute or chronic toxicity for each of the facility's discharge points: 1) POTWs with a design flow rate greater than or equal to 1.0 mgd; 2) POTWs with a pretreatment program (or those that are required to have one under 40 CFR Part 403); or 3) POTWs required by the permitting authority to submit data for these parameters.

- At a minimum, these results must include quarterly testing for a 12-month period within the past 1 year using multiple species (minimum of two species), or the results from four tests performed at least annually in the four and one-half years prior to the application, provided the results show no appreciable toxicity, and testing for acute and/or chronic toxicity, depending on the range of receiving water dilution. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136.
- In addition, submit the results of any other whole effluent toxicity tests from the past four and one-half years. If a whole effluent toxicity test conducted during the past four and one-half years revealed toxicity, provide any information on the cause of the toxicity or any results of a toxicity reduction evaluation, if one was conducted.
- If you have already submitted any of the information requested in Part E, you need not submit it again. Rather, provide the information requested in question E.4 for previously submitted information. If EPA methods were not used, report the reasons for using alternate methods. If test summaries are available that contain all of the information requested below, they may be submitted in place of Part E.

If no biomonitoring data is required, do not complete Part E. Refer to the Application Overview for directions on which other sections of the form to complete.

E.1. Required Tests.

Indicate the number of whole effluent toxicity tests conducted in the past four and one-half years.

____chronic ____acute

E.2. Individual Test Data. Complete the following chart for each whole effluent toxicity test conducted in the last four and one-half years. Allow one column per test (where each species constitutes a test). Copy this page if more than three tests are being reported.

	Test number:_____	Test number:_____	Test number:_____
a. Test information.			
Test species & test method number			
Age at initiation of test			
Outfall number			
Dates sample collected			
Date test started			
Duration			
b. Give toxicity test methods followed.			
Manual title			
Edition number and year of publication			
Page number(s)			
c. Give the sample collection method(s) used. For multiple grab samples, indicate the number of grab samples used.			
24-Hour composite			
Grab			
d. Indicate where the sample was taken in relation to disinfection. (Check all that apply for each)			
Before disinfection			
After disinfection			
After dechlorination			

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	Test number:_____	Test number:_____	Test number:_____
e. Describe the point in the treatment process at which the sample was collected.			
Sample was collected:			
f. For each test, include whether the test was intended to assess chronic toxicity, acute toxicity, or both.			
Chronic toxicity			
Acute toxicity			
g. Provide the type of test performed.			
Static			
Static-renewal			
Flow-through			
h. Source of dilution water. If laboratory water, specify type; if receiving water, specify source.			
Laboratory water			
Receiving water			
i. Type of dilution water. It salt water, specify "natural" or type of artificial sea salts or brine used.			
Fresh water			
Salt water			
j. Give the percentage effluent used for all concentrations in the test series.			
k. Parameters measured during the test. (State whether parameter meets test method specifications)			
pH			
Salinity			
Temperature			
Ammonia			
Dissolved oxygen			
l. Test Results.			
Acute:			
Percent survival in 100% effluent	%	%	%
LC_{50}			
95% C.I.	%	%	%
Control percent survival	%	%	%
Other (describe)			

Chronic:			
NOEC	%	%	%
IC_{25}	%	%	%
Control percent survival	%	%	%
Other (describe)			
m. Quality Control/Quality Assurance.			
Is reference toxicant data available?			
Was reference toxicant test within acceptable bounds?			
What date was reference toxicant test run (MM/DD/YYYY)?			
Other (describe)			

E.3. Toxicity Reduction Evaluation. Is the treatment works involved in a Toxicity Reduction Evaluation?

____Yes ____No If yes, describe: _____

_____

_____

E.4. Summary of Submitted Biomonitoring Test Information. If you have submitted biomonitoring test information, or information regarding the cause of toxicity, within the past four and one-half years, provide the dates the information was submitted to the permitting authority and a summary of the results.

Date submitted: _____ (MM/DD/YYYY)

Summary of results: (see instructions)

_____

_____

END OF PART E.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE.

FACILITY NAME AND PERMIT NUMBER:

Form Approved 1/14/99
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SUPPLEMENTAL APPLICATION INFORMATION

PART F. INDUSTRIAL USER DISCHARGES AND RCRA/CERCLA WASTES

All treatment works receiving discharges from significant industrial users or which receive RCRA, CERCLA, or other remedial wastes must complete Part F.

GENERAL INFORMATION:

F.1. Pretreatment Program. Does the treatment works have, or is it subject to, an approved pretreatment program?

____Yes ____No

F.2. Number of Significant Industrial Users (SIUs) and Categorical Industrial Users (CIUs). Provide the number of each of the following types of industrial users that discharge to the treatment works.

a. Number of non-categorical SIUs. _____

b. Number of CIUs. _____

SIGNIFICANT INDUSTRIAL USER INFORMATION:

Supply the following information for each SIU. If more than one SIU discharges to the treatment works, copy questions F.3 through F.8 and provide the information requested for each SIU.

F.3. Significant Industrial User Information. Provide the name and address of each SIU discharging to the treatment works. Submit additional pages as necessary.

Name: _____

Mailing Address: _____

_____

F.4. Industrial Processes. *Describe all of the industrial processes that affect or contribute to the SIU's discharge.*

_____

F.5. Principal Product(s) and Raw Material(s). Describe all of the principal processes and raw materials that affect or contribute to the SIU's discharge.

Principal product(s): _____

Raw material(s): _____

F.6. Flow Rate.

a. Process wastewater flow rate. Indicate the average daily volume of process wastewater discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.

_____ gpd (____continuous or _____intermittent)

b. Non-process wastewater flow rate. Indicate the average daily volume of non-process wastewater flow discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.

_____ gpd (____continuous or _____intermittent)

F.7. Pretreatment Standards. Indicate whether the SIU is subject to the following:

a. Local limits ____Yes ____No

b. Categorical pretreatment standards ____Yes ____No

If subject to categorical pretreatment standards, which category and subcategory?

_____

F.8. Problems at the Treatment Works Attributed to Waste Discharged by the SIU. Has the SIU caused or contributed to any problems (e.g., upsets, interference) at the treatment works in the past three years?

____Yes ____No If yes, describe each episode.

_____

_____

RCRA HAZARDOUS WASTE RECEIVED BY TRUCK, RAIL, OR DEDICATED PIPELINE:

F.9. RCRA Waste. Does the treatment works receive or has it in the past three years received RCRA hazardous waste by truck, rail, or dedicated pipe?
____Yes ___No (go to F.12.)

F.10. Waste Transport. Method by which RCRA waste is received (check all that apply):

_____Truck _____Rail _____Dedicated Pipe

F.11. Waste Description. Give EPA hazardous waste number and amount (volume or mass, specify units).

EPA Hazardous Waste Number	Amount	Units

CERCLA (SUPERFUND) WASTEWATER, RCRA REMEDIATION/CORRECTIVE ACTION WASTEWATER, AND OTHER REMEDIAL ACTIVITY WASTEWATER:

F.12. Remediation Waste. Does the treatment works currently (or has it been notified that it will) receive waste from remedial activities?

____Yes (complete F.13 through F.15.) ____No

Provide a list of sites and the requested information (F.13 - F.15.) for each current and future site.

F.13. Waste Origin. Describe the site and type of facility at which the CERCLA/RCRA/or other remedial waste originates (or is expected to originate in the next five years).

_____

_____

_____

F.14. Pollutants. List the hazardous constituents that are received (or are expected to be received). Include data on volume and concentration, if known. (Attach additional sheets if necessary).

_____

_____

F.15. Waste Treatment.

a. Is this waste treated (or will it be treated) prior to entering the treatment works?

____Yes ____No

If yes, describe the treatment (provide information about the removal efficiency):

_____

_____

b. Is the discharge (or will the discharge be) continuous or intermittent?

____Continuous ____Intermittent If intermittent, describe discharge schedule.

END OF PART F.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER: VA 0072729
Montross-Westmoreland Wastewater Treatment Plant

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SUPPLEMENTAL APPLICATION INFORMATION

PART G. COMBINED SEWER SYSTEMS

If the treatment works has a combined sewer system, complete Part G.

G.1. System Map. Provide a map indicating the following: (may be included with Basic Application Information)

a. All CSO discharge points.

b. Sensitive use areas potentially affected by CSOs (e.g., beaches, drinking water supplies, shellfish beds, sensitive aquatic ecosystems, and outstanding natural resource waters).

c. Waters that support threatened and endangered species potentially affected by CSOs.

G.2. System Diagram. Provide a diagram, either in the map provided in G.1. or on a separate drawing, of the combined sewer collection system that includes the following information:

a. Locations of major sewer trunk lines, both combined and separate sanitary.

b. Locations of points where separate sanitary sewers feed into the combined sewer system.

c. Locations of in-line and off-line storage structures.

d. Locations of flow-regulating devices.

e. Locations of pump stations.

CSO OUTFALLS:

Complete questions G.3 through G.6 once for each CSO discharge point.

G.3. Description of Outfall.

a. Outfall number _____

b. Location _____
(City or town, if applicable) (Zip Code)

_____
(County) (State)

_____
(Latitude) (Longitude)

c. Distance from shore (if applicable) _____ft.

d. Depth below surface (if applicable) _____ft.

e. Which of the following were monitored during the last year for this CSO?

____Rainfall ____CSO pollutant concentrations ____CSO frequency

____CSO flow volume ____Receiving water quality

f. How many storm events were monitored during the last year? _____

G.4. CSO Events.

a. Give the number of CSO events in the last year.

_____ events (___ actual or ___ approx.)

b. Give the average duration per CSO event.

_____ hours (____ actual or ____ approx.)

c. Give the average volume per CSO event.

_____ million gallons (_____ actual or _____ approx.)

d. Give the minimum rainfall that caused a CSO event in the last year.

_____ inches of rainfall

G.5. Description of Receiving Waters.

a. Name of receiving water: _____

b. Name of watershed/river/stream system: _____

United States Soil Conservation Service 14-digit watershed code (if known): _____

c. Name of State Management/River Basin: _____

United States Geological Survey 8-digit hydrologic cataloging unit code (if known): _____

G.6. CSO Operations.

Describe any known water quality impacts on the receiving water caused by this CSO (e.g., permanent or intermittent beach closings, permanent or intermittent shell fish bed closings, fish kills, fish advisories, other recreational loss, or violation of any applicable State water quality standard).

_____

_____

END OF PART G.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE.

Microbac

Lab ID: 0804263-02 (Water)
Client ID: Outfall 001-Filtered
Sampled Date/Time: 4/10/08 9:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Metals								
Thallium	BQL	0.02	mg/L	4/14/08 7:45	4/19/08 10:00	EPA 200.7	TG	

Notes and Definitions

CH Microbac Labs. Camp Hill

mg/L = milligrams per Liter
µg/L = micrograms per Liter
pCi/L = picocuries per Liter
BQL = Below the Quantitation Limit
mg/kg = milligrams per kilogram
ppm = parts per million
CFU/mL = Colony forming units per milliliter
su = standard units
NTU = Nephelometric Turbidity Units
MPN/100mL = Most Probable Number per 100 milliliters

Reported results relate only to the samples analyzed, as received by the laboratory.

This report shall not be reproduced, wholly or in part, without the consent of Microbac Laboratories, Inc - Richmond Division.

Microbac®

Lab ID: 0804263-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 4/10/08 9:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds								
Acrylonitrile	BQL	25	µg/L	4/17/08 10:05	4/17/08 22:52	EPA 624	SS	
Bromomethane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
Chlorobenzene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
trans-1,2-Dichloroethene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
1,2-Dichloropropane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
cis-1,3-Dichloropropene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
trans-1,3 Dichloropropene	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
1,1,2,2-Tetrachloroethane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
1,1,2-Trichloroethane	BQL	5	"	4/17/08 10:05	4/17/08 22:52	"	SS	
Wet Chemistry								
Total Dissolved Solids	**460**	10.0	mg/L	4/11/08 15:00	4/11/08 15:00	SM18/2540 C	JCM	

Microbac

Lab ID: 0804263-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 4/10/08 9:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Oil & Grease HEM	<5	5	mg/L		4/23/08 0:00	EPA 1664A	RWS	CH
Total Recoverable Phenolics	<0.005	0.005	"		4/16/08 0:00	EPA 420.1	TAR	CH
Cyanide	<0.01	0.01	"		4/17/08 0:00	SM20 4500CE	GLF	CH
Organochlorine Pesticides								
alpha-BHC	BQL	0.05	µg/L	4/16/08 13:45	4/24/08 15:08	EPA 608	DSK	
beta-BHC	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endosulfan I	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endosulfan II	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endosulfan sulfate	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Endrin aldehyde	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Heptachlor epoxide	BQL	0.05	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Total PCBs	BQL	0.50	"	4/16/08 13:45	4/24/08 15:08	"	DSK	
Semivolatile Organic Compounds								
Benzidine	BQL	5	µg/L	4/14/08 14:30	4/17/08 17:20	EPA 625	DSK	
Bis(2-chloroethyl)ether	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
2-Chloronaphthalene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Di-n-butyl phthalate	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
3,3'-Dichlorobenzidine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Dimethyl phthalate	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
4,6-Dinitro-2-methylphenol	BQL	20	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
2,4-Dinitrophenol	BQL	20	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachlorobenzene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachlorobutadiene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachlorocyclopentadiene	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Hexachloroethane	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
N-Nitrosodimethylamine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
N-Nitrosodiphenylamine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
N-Nitroso-di-n-propylamine	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
1,2-Diphenylhydrazine (Azobenzene)	BQL	5	"	4/14/08 14:30	4/17/08 17:20	"	DSK	
Volatile Organic Compounds								
Acrolein	BQL	25	µg/L	4/17/08 10:05	4/17/08 22:52	EPA 624	SS	

Microbac®

Lab ID: 0803208-02 (Water)
Client ID: Outfall 001
Sampled Date/Time: 3/11/08 10:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Oil & Grease HEM	<5	5	mg/L	3/19/08 5:10	3/19/08 5:10	EPA 1664A	LCR	BA
Wet Chemistry								
Cyanide	BQL	0.01	"	3/21/08 11:45	3/21/08 14:00	SM18/4500-CN C&E	ABS	

Notes and Definitions

BA Microbac Labs, Baltimore

mg/L = milligrams per Liter
µg/L = micrograms per Liter
pCi/L = picocuries per Liter
BQL = Below the Quantitation Limit
mg/kg = milligrams per kilogram
ppm = parts per million
CFU/mL = Colony forming units per milliliter
su = standard units
NTU = Nephelometric Turbidity Units
MPN/100mL = Most Probable Number per 100 milliliters

Reported results relate only to the samples analyzed, as received by the laboratory.

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Lab ID: 0803Z08-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 3/11/08 10:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Volatile Organic Compounds								
Acrylonitrile	BQL	25	µg/L	3/17/08 14:19	3/18/08 2:15	EPA 624	SS	
Bromomethane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
Chlorobenzene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
trans-1,2-Dichloroethene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
1,2-Dichloropropane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
cis-1,3-Dichloropropene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
trans-1,3 Dichloropropene	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
1,1,2,2-Tetrachloroethane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
1,1,2-Trichloroethane	BQL	5	"	3/17/08 14:19	3/18/08 2:15	"	SS	
Wet Chemistry								
CBOD	2	2	mg/L	3/12/08 10:05	3/17/08 11:15	SM18/5210 B	ABS	
Total Dissolved Solids	540	10.0	"	3/18/08 14:10	3/18/08 14:10	SM18/2540 C	JCM	
Total Suspended Solids	5	1	"	3/13/08 14:00	3/13/08 14:00	SM18/2540 D	KLC	

Microbac

Lab ID: 0803208-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 3/11/08 10:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Phenolics, Total Recoverable	**0.18**	0.01	mg/L	3/20/08 6:00	3/20/08 6:00	EPA 420.1	LCR	BA
Metals								
Thallium	BQL	0.02	mg/L	3/12/08 10:45	3/13/08 11:00	EPA 200.7	TG	
Organochlorine Pesticides								
alpha-BHC	BQL	0.05	µg/L	3/17/08 11:40	3/20/08 21:38	EPA 608	DSK	
beta-BHC	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endosulfan I	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endosulfan II	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endosulfan sulfate	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Endrin aldehyde	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Heptachlor epoxide	BQL	0.05	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Total PCBs	BQL	0.50	"	3/17/08 11:40	3/20/08 21:38	"	DSK	
Semivolatile Organic Compounds								
Benzidine	BQL	5	µg/L	3/13/08 16:30	3/25/08 23:15	EPA 625	DSK	
Bis(2-chloroethyl)ether	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
2-Chloronaphthalene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Di-n-butyl phthalate	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
3,3'-Dichlorobenzidine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Dimethyl phthalate	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
4,6-Dinitro-2-methylphenol	BQL	20	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
2,4-Dinitrophenol	BQL	20	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachlorobenzene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachlorobutadiene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachlorocyclopentadiene	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Hexachloroethane	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
N-Nitrosodimethylamine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
N-Nitrosodiphenylamine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
N-Nitroso-di-n-propylamine	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
1,2-Diphenylhydrazine (Azobenzene)	BQL	5	"	3/13/08 16:30	3/25/08 23:15	"	DSK	
Volatile Organic Compounds								
Acrolein	BQL	25	µg/L	3/17/08 14:19	3/18/08 2:15	EPA 624	SS	

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Lab ID: 0711501-02 (Water)
Client ID: Outfall 001
Sampled Date/Time: 11/28/07 11:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Metals Dissolved								
Thallium	<0.05	0.05	mg/L	12/5/07 14:25	12/6/07 9:51	EPA 200.7	AVC	ME
Volatile Organic Compounds								
Acrolein	BQL	25	µg/L	12/3/07 12:25	12/3/07 23:59	EPA 624	SS	
Acrylonitrile	BQL	25	"	12/3/07 12:25	12/3/07 23:59	"	SS	
Bromomethane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
Chlorobenzene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
trans-1,2-Dichloroethene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
1,2-Dichloropropane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
trans-1,3 Dichloropropene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
cis-1,3-Dichloropropene	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
1,1,2,2-Tetrachloroethane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
1,1,2-Trichloroethane	BQL	5	"	12/3/07 12:25	12/3/07 23:59	"	SS	
Wet Chemistry								
Cyanide	BQL	0.01	mg/L	12/11/07 13:00	12/11/07 13:00	SM18/4500-CN C&E	ABS	

Notes and Definitions

ME Microbac Labs, Merrillville

BA Microbac Labs, Baltimore

mg/L = milligrams per Liter
µg/L = micrograms per Liter
pCi/L = picocuries per Liter
BQL = Below the Quantitation Limit
mg/kg = milligrams per kilogram
ppm = parts per million
CFU/mL = Colony forming units per milliliter
su = standard units
NTU = Nephelometric Turbidity Units
MPN/100mL = Most Probable Number per 100 milliliters

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Microbac

Lab ID: 0711501-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 11/28/07 11:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Nitrate+Nitrite/Nitrogen	4.01	0.50	mg/L	11/28/07 14:00	11/28/07 15:00	SM18/4500-NO3 F & NO2 B	TG	
Total Phosphorus	0.24	0.05	"	12/2/07 12:00	12/3/07 11:00	SM18/4500-P B&F	TG	
Total Dissolved Solids	480	10.0	"	12/5/07 17:30	12/5/07 17:30	SM18/2540 C	ABS	
TKN	3.30	0.50	"	11/29/07 7:50	11/29/07 17:00	EPA 351.2	TG	
Total Suspended Solids	8	1	"	12/5/07 16:00	12/5/07 16:00	SM18/2540 D	ABS	

Microbac

Lab ID: 0711501-01 (Water)
Client ID: Outfall 001
Sampled Date/Time: 11/28/07 11:00

Analyte	Result	Quant Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
Wet Chemistry								
Phenolics, Total Recoverable	0.013	0.01	mg/L	12/6/07 18:02	12/6/07 18:02	EPA 420.1	LCR	BA
Oil & Grease HEM	<5	5	"	12/11/07 13:00	12/11/07 13:00	EPA 1664A	BAB	BA
Organochlorine Pesticides								
alpha-BHC	BQL	0.05	µg/L	11/30/07 16:50	12/7/07 20:00	EPA 608	DSK	
beta-BHC	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endosulfan I	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endosulfan II	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endosulfan sulfate	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Endrin aldehyde	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Heptachlor epoxide	BQL	0.05	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Total PCBs	BQL	0.50	"	11/30/07 16:50	12/7/07 20:00	"	DSK	
Semivolatile Organic Compounds								
Benzidine	BQL	5	µg/L	11/29/07 10:30	12/5/07 22:55	EPA 625	DSK	
Bis(2-chloroethyl)ether	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
2-Chloronaphthalene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Di-n-butyl phthalate	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
3,3'-Dichlorobenzidine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Dimethyl phthalate	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
4,6-Dinitro-2-methylphenol	BQL	20	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
2,4-Dinitrophenol	BQL	20	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachlorobenzene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachlorobutadiene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachlorocyclopentadiene	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Hexachloroethane	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
N-Nitrosodimethylamine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
N-Nitrosodiphenylamine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
N-Nitroso-di-n-propylamine	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
1,2-Diphenylhydrazine (Azobenzene)	BQL	5	"	11/29/07 10:30	12/5/07 22:55	"	DSK	
Wet Chemistry								
Ammonia-Nitrogen	0.81	0.05	mg/L	12/5/07 10:00	12/5/07 11:00	SM18/4500-NH3 H	TG	
CBOD	2	2	"	11/29/07 16:45	12/4/07 14:45	SM18/5210 B	ABS	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
12/20/07	0.016						7.56	8.72	1
12/21/07	0.015	23.90			2.00	1.70	7.48	8.60	
12/22/07	0.021						7.61	8.78	
12/23/07	0.032						7.69	8.43	
12/24/07	0.032						7.58	8.57	
12/25/07	0.021						7.60	8.61	
12/26/07	0.019	14.90	1.40	0.52	2.00		7.70	8.69	6
12/27/07	0.041	11.10			2.00		7.84	8.51	
12/28/07	0.036	11.60			2.00		7.80	8.61	
12/29/07	0.041						7.64	8.59	
12/30/07	0.032						7.57	8.62	
12/31/07	0.039	13.50			2.00		7.69	8.42	
average	0.051	3.411	3.483	0.670	2.751	2.204	7.628	8.790	3.515
maximum	0.129	40.500	13.200	4.240	41.600	6.570	8.850	12.310	2420

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
10/24/07	0.043	1.37	9.71	0.50	2.00		7.60	7.41	1
10/25/07	0.038						7.59	7.48	
10/26/07	0.071	1.02			2.00		7.47	7.53	
10/27/07	0.047						7.50	7.58	
10/28/07	0.033						7.48	7.50	
10/29/07	0.024	1.57			2.00		7.59	7.41	29
10/30/07	0.046						7.64	7.59	
10/31/07	0.033	26.30			2.00		7.61	7.64	
11/1/07	0.038						7.57	7.73	
11/2/07	0.025	3.40			2.00		7.60	7.59	
11/3/07	0.022						7.84	7.68	
11/4/07	0.029						7.62	7.74	
11/5/07	0.025	15.80	10.90	0.96			7.58	7.61	
11/6/07	0.025				2.00		7.61	7.48	
11/7/07	0.021	1.16			2.00		7.60	7.59	
11/8/07	0.023						7.57	7.64	2
11/9/07	0.034	0.85			2.00		7.51	7.76	
11/10/07	0.047						7.62	7.69	
11/11/07	0.023						7.59	7.73	
11/12/07	0.051						7.51	7.69	
11/13/07	0.039						7.46	7.84	1
11/14/07	0.045						7.55	7.71	
11/15/07	0.042	1.01			2.00		7.41	7.53	
11/16/07	0.035						7.56	7.59	
11/17/07	0.020	1.05			2.00		7.51	8.68	
11/18/07	0.028	1.15			2.00		7.48	8.47	
11/19/07	0.025	14.40			2.00		7.59	8.51	9
11/20/07	0.031						7.61	8.48	
11/21/07	0.039	12.70			2.00		7.58	8.27	
11/22/07	0.022						7.63	8.22	
11/23/07	0.021	7.26					7.81	8.36	
11/24/07	0.014				2.00		7.73	8.29	
11/25/07	0.007						7.79	8.45	
11/26/07	0.031	8.95	2.75	0.08	2.00		7.68	8.47	
11/27/07	0.023						7.60	8.55	
11/28/07	0.025	3.93			2.00	2.20	7.57	8.48	5
11/29/07	0.032	4.09			2.00		7.61	8.31	
11/30/07	0.028						7.59	8.49	
12/1/07	0.027						7.81	8.54	
12/2/07	0.058						7.59	8.41	
12/3/07	0.028	2.22			2.00		7.43	8.65	
12/4/07	0.025						7.57	8.53	
12/5/07	0.045	2.04			2.00		7.41	8.71	2
12/6/07	0.042						7.45	8.46	
12/7/07	0.027	4.71			2.00		7.20	8.31	
12/8/07	0.024						7.35	8.65	
12/9/07	0.030						7.51	8.57	
12/10/07	0.026	1.51	1.64	0.21	2.00		7.63	8.45	192
12/11/07	0.030						7.74	8.41	
12/12/07	0.031	8.47			2.00		7.41	8.54	
12/13/07	0.018						7.36	8.59	
12/14/07	0.022	7.72			2.00		7.52	8.71	
12/15/07	0.022						7.74	8.65	
12/16/07	0.042						7.64	8.49	
12/17/07	0.037				2.00		7.71	8.52	
12/18/07	0.033						7.60	8.69	
12/19/07	0.014	17.10			2.00		7.81	8.62	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
8/28/07	0.041						7.32	7.47	
8/29/07	0.020	1.62	2.87	0.33	2.00		7.48	7.59	
8/30/07	0.023						7.59	7.63	
8/31/07	0.031						7.60	7.56	
9/1/07	0.053	29.90			2.00		7.57	7.48	
9/2/07	0.021						7.60	7.59	
9/3/07	0.050						7.49	7.60	
9/4/07	0.036						7.50	7.51	5
9/5/07	0.064						7.58	7.43	
9/6/07	0.040	19.70			2.00		7.68	7.58	
9/7/07	0.051	6.81			2.00		7.51	7.47	
9/8/07	0.042	3.53			2.00		7.43	7.50	
9/9/07	0.050						7.55	7.44	
9/10/07	0.040	1.70			2.00		7.51	7.59	1
9/11/07	0.026						7.47	7.57	
9/12/07	0.031	1.66	4.21	0.19	2.00		7.54	7.40	
9/13/07	0.053						7.60	7.51	
9/14/07	0.045	2.94			2.00	1.60	7.58	7.47	
9/15/07	0.050						7.51	7.60	
9/16/07	0.032						7.49	7.42	
9/17/07	0.036	2.06			2.00		7.69	7.63	
9/18/07	0.048						7.51	7.57	
9/19/07	0.039	12.00			2.00		7.61	7.48	
9/20/07	0.040						7.57	7.59	1
9/21/07	0.031	9.06			2.00		7.64	7.50	
9/22/07	0.037						7.60	7.41	
9/23/07	0.026						7.58	7.59	
9/24/07	0.035	2.33			2.00		7.51	7.47	
9/25/07	0.026						7.64	7.50	
9/26/07	0.041	1.52	2.74	0.13	2.00		7.51	7.47	2420
9/27/07	0.030	2.87			2.00		7.44	7.42	
9/28/07	0.032						7.59	7.48	
9/29/07	0.027						7.54	7.54	
9/30/07	0.028						7.73	7.53	
10/1/07	0.030	2.08			2.00		7.52	7.60	
10/2/07	0.016						7.57	7.51	
10/3/07	0.072	2.09			2.00		7.60	7.47	1
10/4/07	0.047						7.51	7.59	
10/5/07	0.039	5.55			2.00		7.56	7.57	
10/6/07	0.045						7.54	7.54	
10/7/07	0.049						7.58	7.42	
10/8/07	0.047	5.10	0.19	0.37	2.00	3.70	7.52	7.64	
10/9/07	0.043						7.60	7.52	1
10/10/07	0.031	1.38			2.00		7.58	7.50	
10/11/07	0.035						7.57	7.68	
10/12/07	0.035	11.40			2.00		7.56	7.50	
10/13/07	0.036						7.59	7.53	
10/14/07	0.030						7.53	7.51	
10/15/07	0.039						7.48	7.40	
10/16/07	0.014	4.00			2.00		7.51	7.49	
10/17/07	0.018						7.49	7.51	1
10/18/07	0.038	13.60			2.00		7.58	7.48	
10/19/07	0.039	9.46			2.00		7.49	7.46	
10/20/07	0.044						7.54	7.45	
10/21/07	0.048						7.58	7.51	
10/22/07	0.068				2.00		7.56	7.59	
10/23/07	0.040	10.10					7.57	7.64	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
7/2/07	0.055						7.59	7.94	1
7/3/07	0.035						7.51	8.04	
7/4/07	0.031						7.48	8.09	
7/5/07	0.060	1.47	3.87		2.00		7.52	8.11	
7/6/07	0.059	2.62			2.00		7.41	8.20	
7/7/07	0.045	8.82			2.00		7.52	8.14	
7/8/07	0.044						7.48	8.04	
7/9/07	0.043	6.06		0.64	2.12		7.51	8.01	
7/10/07	0.054						7.48	8.13	613
7/11/07	0.035	6.85			2.00	2.50	7.80	7.84	
7/12/07	0.028						7.69	7.91	
7/13/07	0.058	5.51			2.00		7.86	8.07	
7/14/07	0.047						7.70	8.11	
7/15/07	0.005						7.66	7.94	
7/16/07	0.067						7.71	8.02	
7/17/07	0.063	9.09			2.00		7.93	7.40	613
7/18/07	0.039	6.06			2.79		7.90	7.60	
7/19/07	0.053						7.99	7.42	
7/20/07	0.061	5.22			2.00		7.83	7.68	
7/21/07	0.057						7.71	8.01	
7/22/07	0.042						7.93	7.84	
7/23/07	0.044	10.40	0.18	0.56	2.00		8.70	7.71	1
7/24/07	0.038						8.41	7.93	
7/25/07	0.067						8.03	7.91	
7/26/07	0.036	15.40			3.70		8.23	7.84	
7/27/07	0.069	7.39			2.00		8.85	7.68	
7/28/07	0.076						8.71	7.51	
7/29/07	0.072						8.23	7.41	
7/30/07	0.079	1.50	0.46	0.33	2.00		7.98	7.59	1
7/31/07	0.006						7.84	7.64	
8/1/07	0.129	1.01			2.00		7.72	7.94	
8/2/07	0.045						7.68	7.70	
8/3/07	0.069	1.03			2.00		7.91	7.69	
8/4/07	0.057						7.86	7.88	
8/5/07	0.064						7.88	7.72	
8/6/07	0.070	0.98			2.00		7.80	7.68	
8/7/07	0.058						7.61	7.86	1
8/8/07	0.039	3.34			2.00		7.46	7.65	
8/9/07	0.054						7.63	7.73	
8/10/07	0.051	1.60			2.00		7.81	7.49	
8/11/07	0.082						7.73	7.57	
8/12/07	0.075						7.69	7.63	
8/13/07	0.063	0.88	0.74	0.75	2.00	0.08	7.66	7.47	
8/14/07	0.053						7.58	7.59	
8/15/07	0.042	1.28			2.00		7.69	7.66	1
8/16/07	0.032						7.60	7.61	
8/17/07	0.050	1.20			2.00		7.54	7.48	
8/18/07	0.047						7.50	7.47	
8/19/07	0.028						7.65	7.55	
8/20/07	0.098						7.32	7.32	
8/21/07	0.056						7.52	7.57	
8/22/07	0.036	0.98			2.00		7.41	7.48	1
8/23/07	0.023	1.48			2.00		7.52	7.61	
8/24/07	0.055	1.41			2.00		7.64	7.50	
8/25/07	0.047						7.58	7.59	
8/26/07	0.049						7.56	7.41	
8/27/07	0.035	1.72			2.00		7.60	7.54	1

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
5/6/07	0.046						7.63	9.48	
5/7/07	0.056				2.00		7.58	9.57	
5/8/07	0.066	1.44	1.69	0.38			7.47	9.41	3
5/9/07	0.062						7.51	9.36	
5/10/07	0.052	1.54			2.00		7.39	9.12	
5/11/07	0.051				2.00		7.47	9.31	
5/12/07	0.043	1.25					7.58	9.43	
5/13/07	0.061						7.49	9.41	
5/14/07	0.061				2.00	1.30	7.51	9.54	1
5/15/07	0.067	1.56					7.47	9.22	
5/16/07	0.054	1.70			2.54		7.54	9.41	
5/17/07	0.053						7.41	9.38	
5/18/07	0.047	1.90			2.00		7.48	9.57	
5/19/07	0.045						7.53	9.48	
5/20/07	0.091						7.41	9.37	
5/21/07	0.049	6.50	2.50	0.64	2.09		7.64	8.89	1
5/22/07	0.050						7.58	8.60	
5/23/07	0.075						7.51	8.47	
5/24/07	0.047	1.40			2.00		7.48	8.53	
5/25/07	0.035	1.80			2.00		7.57	8.29	
5/26/07	0.041						7.43	8.37	
5/27/07	0.041						7.51	8.45	
5/28/07	0.034						7.49	8.47	
5/29/07	0.057	2.20			2.00		7.58	8.59	1
5/30/07	0.053	1.80			2.00		7.54	8.32	
5/31/07	0.042						7.41	8.41	
6/1/07	0.055	0.79			2.00		7.54	8.57	
6/2/07	0.048						7.43	8.27	
6/3/07	0.062						7.59	8.48	
6/4/07	0.060	0.75	0.93	0.95	2.00		7.55	8.53	1
6/5/07	0.067						7.57	8.41	
6/6/07	0.067	0.93			2.00	2.60	7.41	8.60	
6/7/07	0.077						7.61	8.51	
6/8/07	0.088	3.40			2.00		7.57	8.68	
6/9/07	0.052						7.40	8.65	
6/10/07	0.053						7.41	8.52	
6/11/07	0.066	1.40			2.00		7.53	8.47	1
6/12/07	0.059						7.47	8.38	
6/13/07	0.053						7.58	8.62	
6/14/07	0.041	3.20			2.00		7.52	8.49	
6/15/07	0.056	2.10			2.00		7.48	8.57	
6/16/07	0.065						7.53	8.41	
6/17/07	0.057						7.41	8.62	
6/18/07	0.055	6.50		2.30	2.00		7.51	8.53	
6/19/07	0.042						7.47	8.40	
6/20/07	0.043						7.58	8.47	1
6/21/07	0.028	25.70			2.00		7.41	8.54	
6/22/07	0.037	22.70			2.00		7.49	8.34	
6/23/07	0.045						7.59	8.56	
6/24/07	0.042						7.58	8.41	
6/25/07	0.052	2.85	3.74		2.00		7.50	8.52	
6/26/07	0.040						7.54	8.47	
6/27/07	0.050	4.65			2.00		7.43	8.60	
6/28/07	0.036						7.51	8.54	
6/29/07	0.048	1.20			2.00		7.44	8.49	1
6/30/07	0.054						7.57	8.51	
7/1/07	0.039						7.63	7.48	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
3/10/07	0.052						7.43	9.63	
3/11/07	0.043						7.62	9.51	
3/12/07	0.047						7.51	9.38	
3/13/07	0.045	3.50	0.93	0.31	2.06		7.67	9.68	
3/14/07	0.041	1.93			3.93		7.54	9.42	10
3/15/07	0.052	7.95					7.63	9.51	
3/16/07	0.089				4.90		7.52	9.73	
3/17/07	0.064						7.48	9.31	
3/18/07	0.019						7.51	9.12	
3/19/07	0.049	2.97			3.23		7.41	9.48	
3/20/07	0.048					6.57	7.54	9.57	
3/21/07	0.056						7.49	9.38	23
3/22/07	0.055	20.00			2.35		7.58	9.64	
3/23/07	0.051				2.00		7.41	9.59	
3/24/07	0.045	19.00					7.53	9.43	
3/25/07	0.049						7.59	9.61	
3/26/07	0.027						7.42	9.27	
3/27/07	0.057						7.58	9.48	
3/28/07	0.048	19.00	0.85	0.48	5.63		7.41	9.57	
3/29/07	0.057	13.30			2.00		7.53	9.46	140
3/30/07	0.058	18.00			2.43		7.42	9.29	
3/31/07	0.065						7.57	9.41	
4/1/07	0.051						7.51	9.43	
4/2/07	0.073				4.67		7.48	9.38	
4/3/07	0.071	9.06					7.61	9.54	
4/4/07	0.042				2.39		7.43	9.67	
4/5/07	0.064	16.20					7.58	9.21	2
4/6/07	0.069	40.50			2.00		7.67	9.67	
4/7/07	0.058						7.43	9.48	
4/8/07	0.031						7.52	9.61	
4/9/07	0.060						7.41	9.53	
4/10/07	0.012	1.70	1.01	0.14	2.00		7.49	9.31	
4/11/07	0.071						7.57	9.49	29
4/12/07	0.046	1.70					7.43	9.54	
4/13/07	0.044				3.46		7.51	9.62	
4/14/07	0.046	15.90			3.22		7.48	9.57	
4/15/07	0.085						7.61	9.31	
4/16/07	0.061	1.80			2.66		7.44	9.68	
4/17/07	0.036						7.51	9.47	
4/18/07	0.031						7.69	9.62	
4/19/07	0.027	1.52			2.45		7.44	9.51	1
4/20/07	0.043	1.68			3.05		7.57	9.67	
4/21/07	0.045						7.62	9.54	
4/22/07	0.039						7.53	9.21	
4/23/07	0.058	1.56	1.91	0.14	3.51		7.41	9.48	30
4/24/07	0.067						7.49	9.61	
4/25/07	0.058	3.58			3.02		7.52	9.37	
4/26/07	0.035						7.61	9.49	
4/27/07	0.041						7.57	9.54	
4/28/07	0.042	1.42			2.36	2.80	7.42	9.67	
4/29/07	0.052						7.51	9.38	
4/30/07	0.040						7.49	9.43	
5/1/07	0.046	0.85			2.00		7.49	9.32	1
5/2/07	0.039	0.80			2.32		7.54	9.48	
5/3/07	0.046						7.46	9.51	
5/4/07	0.049	1.75			2.00		7.51	9.62	
5/5/07	0.038						7.43	9.12	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
1/12/07	0.038	2.04			2.00		7.86	9.67	
1/13/07	0.051						7.58	9.37	
1/14/07	0.039						7.28	9.52	
1/15/07	0.083						7.69	9.34	
1/16/07	0.056	2.10			3.24		7.43	9.57	
1/17/07	0.041	2.30			2.00		7.51	9.34	1
1/18/07	0.038						7.43	9.63	
1/19/07	0.037	1.72			2.18		7.25	9.48	
1/20/07	0.051						7.41	9.21	
1/21/07	0.050						7.53	9.73	
1/22/07	0.048						7.51	9.52	1
1/23/07	0.043	0.95			2.74		7.48	9.47	
1/24/07	0.059	0.83	1.95	0.20	3.38		7.58	9.36	
1/25/07	0.042						7.51	9.72	
1/26/07	0.043	1.26			3.11		7.68	9.63	
1/27/07	0.040						7.48	9.69	
1/28/07	0.042						7.62	9.52	
1/29/07	0.052						7.48	9.47	
1/30/07	0.033	1.42			3.63		7.57	9.34	
1/31/07	0.039				2.59		7.61	9.63	27
2/1/07	0.039						7.54	9.81	
2/2/07	0.040	1.93			4.23		7.61	9.63	
2/3/07	0.041						7.58	9.47	
2/4/07	0.047						7.41	9.52	
2/5/07	0.035	6.79			3.02		7.72	9.37	
2/6/07	0.020	2.73	1.83	0.40	2.00		7.62	9.42	
2/7/07	0.017						7.53	9.23	
2/8/07	0.033						7.48	9.36	45
2/9/07	0.031	9.21			2.00		7.42	9.54	
2/10/07	0.018						7.56	9.69	
2/11/07	0.037						7.58	9.48	
2/12/07	0.056						7.41	9.30	
2/13/07	0.059	11.80			2.00		7.57	9.47	
2/14/07	0.053	10.50			2.56		7.48	9.63	4
2/15/07	0.052						7.61	9.45	
2/16/07	0.031	11.40			3.61		7.43	9.74	
2/17/07	0.054						7.58	9.53	
2/18/07	0.036						7.63	9.41	
2/19/07	0.047						7.53	9.36	
2/20/07	0.063						7.48	9.57	
2/21/07	0.063	3.76			2.00		7.51	9.31	25
2/22/07	0.056	2.62			3.27		7.48	9.67	
2/23/07	0.069	4.54			2.67		7.41	9.27	
2/24/07	0.052						7.53	9.64	
2/25/07	0.058						7.47	9.38	
2/26/07	0.063	1.97	3.79	0.27		2.00	7.58	9.51	
2/27/07	0.040				4.17		7.52	9.40	1
2/28/07	0.042						7.41	9.23	
3/1/07	0.042	2.66			4.82		7.36	9.27	
3/2/07	0.054	6.09			2.00		7.49	9.45	
3/3/07	0.050						7.58	9.63	
3/4/07	0.072						7.42	9.31	
3/5/07	0.040						7.59	9.43	
3/6/07	0.046	2.90			4.21		7.51	9.21	
3/7/07	0.045	3.88			3.22		7.58	9.53	2
3/8/07	0.036	6.62					7.41	9.47	
3/9/07	0.048				3.57		7.59	9.31	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
11/16/06	0.075						7.43	9.43	
11/17/06	0.049	2.66			2.00		7.57	9.37	
11/18/06	0.061						7.48	9.14	
11/19/06	0.046						7.29	8.96	
11/20/06	0.056	0.56			2.00		7.69	9.20	1
11/21/06	0.044	0.66	5.18	1.43	2.00		7.63	9.98	
11/22/06	0.066						7.54	9.63	
11/23/06	0.030						7.69	9.78	
11/24/06	0.036	0.68			2.00		7.28	9.44	
11/25/06	0.039						7.43	9.72	
11/26/06	0.035						7.54	9.31	
11/27/06	0.042	0.86			2.00		7.71	9.48	
11/28/06	0.053						7.59	8.76	
11/29/06	0.046						7.54	9.22	1
11/30/06	0.054						7.43	9.63	
12/1/06	0.053	1.08			2.00		7.41	8.92	
12/2/06	0.049	1.03			2.05		7.58	8.76	
12/3/06	0.061						7.69	8.9	
12/4/06	0.049	1.05			4.02		7.75	8.9	
12/5/06	0.049						7.49	9.5	2420
12/6/06	0.045	1.11			2.99		7.59	9.7	
12/7/06	0.047						7.72	9.41	
12/8/06	0.032				2.00		7.48	8.96	
12/9/06	0.068	1.00					7.54	9.31	
12/10/06	0.021						7.58	9.08	
12/11/06	0.049	5.08					7.43	8.86	1
12/12/06	0.068	1.53	7.60	0.30	4.18		7.50	9.06	
12/13/06	0.053				2.53		7.57	8.91	
12/14/06	0.051					1.00	7.51	9.12	
12/15/06	0.049	1.30			2.00		7.62	8.82	
12/16/06	0.044						7.58	9.36	
12/17/06	0.061						7.71	9.16	
12/18/06	0.045	0.72			2.00		7.81	9.67	
12/19/06	0.057	1.12			2.00		7.98	9.67	2
12/20/06	0.045						7.61	9.23	
12/21/06	0.038						7.43	9.48	
12/22/06	0.053	1.20			2.00		7.59	9.35	
12/23/06	0.047						7.49	9.21	
12/24/06	0.046						7.57	9.47	
12/25/06	0.034						7.46	9.17	
12/26/06	0.053	1.62			2.00		7.52	9.48	
12/27/06	0.051				2.00		7.46	9.31	1
12/28/06	0.065	1.51	6.15	1.01			7.85	9.79	
12/29/06	0.051	1.16			2.00		7.57	9.54	
12/30/06	0.048						7.43	8.92	
12/31/06	0.040						7.59	9.51	
1/1/07	0.054						7.42	9.7	
1/2/07	0.063	0.97			2.00		7.61	9.2	1
1/3/07	0.046	1.20			5.50		7.54	9.2	
1/4/07	0.051					3.10	7.54	9.80	
1/5/07	0.056						7.43	9.63	
1/6/07	0.053	2.47			4.84		7.61	9.48	
1/7/07	0.073						7.53	9.32	
1/8/07	0.068	1.39	4.55	0.41	2.34		7.48	9.52	
1/9/07	0.061						7.51	9.63	
1/10/07	0.079	3.82			4.53		7.47	9.41	2
1/11/07	0.044						7.63	9.58	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
9/20/06	0.038	0.91			2.00		7.86	8.01	2
9/21/06	0.046						7.78	7.97	
9/22/06	0.055	0.63			2.00		8.00	8.44	
9/23/06	0.056						7.34	7.70	
9/24/06	0.051						7.12	8.12	
9/25/06	0.052	0.90	1.95	1.27	2.00		7.79	8.24	
9/26/06	0.054						7.24	7.79	
9/27/06	0.044	0.75			2.00		7.77	7.68	2
9/28/06	0.045						7.18	8.33	
9/29/06	0.043	0.51			2.00		7.26	8.21	
9/30/06	0.035						7.73	8.02	
10/1/06	0.044						7.83	7.98	
10/2/06	0.067	0.88			2.00		7.49	8.24	
10/3/06	0.038						7.53	8.11	
10/4/06	0.034	0.89			2.00		7.55	7.51	2
10/5/06	0.042					1.00	7.49	7.44	
10/6/06	0.106	0.96			2.00		7.47	7.86	
10/7/06	0.050						7.36	7.65	
10/8/06	0.042						7.49	7.54	
10/9/06	0.037	0.88	2.14	1.49	2.00		7.42	7.88	
10/10/06	0.049						7.53	7.62	
10/11/06	0.051	1.68			2.00		7.56	8.28	1
10/12/06	0.045						7.41	7.86	
10/13/06	0.047	0.50			2.00		7.12	7.44	
10/14/06	0.055						7.43	8.12	
10/15/06	0.054						7.51	8.26	
10/16/06	0.055	0.89			2.00		7.63	7.87	
10/17/06	0.065						7.42	7.65	
10/18/06	0.052	0.50			2.00		7.52	7.83	
10/19/06	0.039						7.34	7.66	
10/20/06	0.039	0.50			2.00		7.70	7.80	2
10/21/06	0.040						7.61	7.71	
10/22/06	0.034						7.52	7.85	
10/23/06	0.041	0.74			2.00		7.49	7.62	
10/24/06	0.064						7.53	7.82	
10/25/06	0.048	0.50	13.20	1.33	2.00		7.35	8.75	8
10/26/06	0.047						7.48	8.49	
10/27/06	0.054	1.00			2.64		7.41	7.79	
10/28/06	0.058						7.54	8.11	
10/29/06	0.034						7.48	7.84	
10/30/06	0.050	10.20			2.00		7.67	7.69	
10/31/06	0.043						7.56	9.04	
11/1/06	0.051	0.50			2.00		7.58	9.6	
11/2/06	0.048						7.53	9.38	2
11/3/06	0.044	0.50			2.00		7.61	9.64	
11/4/06	0.045						7.71	9.48	
11/5/06	0.058						7.39	9.12	
11/6/06	0.054	0.50	0.17	1.04	2.00	1.00	7.60	9.19	
11/7/06	0.057						7.53	9.38	
11/8/06	0.058	0.79			2.00		7.41	9.21	80
11/9/06	0.061						7.36	9.02	
11/10/06	0.037	0.62			2.00		7.58	8.76	
11/11/06	0.035						7.71	9.14	
11/12/06	0.070						7.35	9.43	
11/13/06	0.058	0.50			2.00		7.70	9.21	2
11/14/06	0.046						7.53	9.31	
11/15/06	0.047	0.51			2.00		7.61	9.26	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
7/25/06	0.035						7.48	7.23	
7/26/06	0.034	12.80			4.72		7.29	7.03	2
7/27/06	0.037						7.49	7.31	
7/28/06	0.032	9.62		1.18	4.13		7.31	7.09	
7/29/06	0.036						7.45	7.21	
7/30/06	0.035						7.53	7.49	
7/31/06	0.038	1.61	3.01		6.25		7.53	6.93	
8/1/06	0.035						7.52	7.1	
8/2/06	0.030	1.20			2.00		7.51	7.7	2
8/3/06	0.049						7.64	7.46	
8/4/06	0.042	0.80			2.00		7.74	7.28	
8/5/06	0.049						7.64	7.26	
8/6/06	0.049						8.08	7.88	
8/7/06	0.040	0.64			2.00		7.47	7.17	
8/8/06	0.051						7.53	7.42	
8/9/06	0.050	0.50	6.39	0.94	2.00		7.80	7.39	2
8/10/06	0.056					0.80	7.79	7.31	
8/11/06	0.052						7.68	8.11	
8/12/06	0.053	0.75			2.00		7.59	7.76	
8/13/06	0.034						7.43	7.38	
8/14/06	0.046	1.07			2.00		7.32	7.17	
8/15/06	0.052						7.49	7.42	
8/16/06	0.073	0.93			2.00		7.40	7.29	
8/17/06	0.051						7.67	7.42	
8/18/06	0.041	1.07			2.00		7.52	7.21	2
8/19/06	0.068						7.80	7.98	
8/20/06	0.050						7.63	7.41	
8/21/06	0.044	1.14			2.00		7.45	7.34	
8/22/06	0.045						7.50	7.37	
8/23/06	0.046	1.20	2.18	0.74	2.00		7.48	7.48	
8/24/06	0.049						7.53	7.37	2
8/25/06	0.056	1.00			2.00		7.52	7.67	
8/26/06	0.054						7.63	7.49	
8/27/06	0.045						7.43	7.43	
8/28/06	0.056	0.76			2.00		7.21	7.22	
8/29/06	0.042						7.47	7.31	2
8/30/06	0.047	0.74			2.00		7.53	7.27	
8/31/06	0.052						7.63	7.45	
9/1/06	0.053	0.39			2.00		7.42	7.19	
9/2/06	0.060						7.61	7.41	
9/3/06	0.061						7.53	7.70	
9/4/06	0.069						7.67	7.61	
9/5/06	0.071	0.54			2.00		7.47	7.68	
9/6/06	0.053						7.69	8.12	
9/7/06	0.041						7.81	7.43	2
9/8/06	0.048	0.71			2.00		7.28	7.67	
9/9/06	0.040	1.49			2.00		7.43	7.48	
9/10/06	0.036						7.63	7.27	
9/11/06	0.044	0.87			2.00		6.71	8.27	2
9/12/06	0.050						7.21	7.53	
9/13/06	0.037	0.80	5.32	0.26			7.41	7.84	
9/14/06	0.045	0.85			2.00		7.30	7.43	
9/15/06	0.056						7.41	7.93	
9/16/06	0.037	0.88			2.00		7.32	7.54	
9/17/06	0.075						7.28	7.74	
9/18/06	0.053	0.95			2.00	1.00	7.67	7.34	
9/19/06	0.067						7.65	7.51	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
5/29/06	0.044						7.45	7.18	
5/30/06	0.049	7.72	1.07	0.64	2.22		7.39	8.13	
5/31/06	0.052						7.67	8.62	
6/1/06	0.031	1.19			4.28		7.42	7.63	
6/2/06	0.035	9.51			2.38		7.37	7.76	
6/3/06	0.036						7.48	7.79	
6/4/06	0.045						7.53	7.83	
6/5/06	0.039	6.75			4.78		7.54	8.01	
6/6/06	0.050						7.41	7.82	
6/7/06	0.036	1.72			2.90		7.49	7.66	2
6/8/06	0.038						7.58	7.60	
6/9/06	0.051	1.16			2.29		7.64	7.53	
6/10/06	0.041						7.47	7.64	
6/11/06	0.049						7.61	7.82	
6/12/06	0.046				2.00		7.54	8.15	
6/13/06	0.035						7.49	8.07	
6/14/06	0.039	1.39	2.36	0.89	2.00		7.47	8.31	
6/15/06	0.056						7.54	8.47	
6/16/06	0.047	1.15			2.00		7.57	8.37	80
6/17/06	0.042	1.24					7.63	8.42	
6/18/06	0.043						7.70	8.59	
6/19/06	0.041	1.15			2.00		7.61	7.93	
6/20/06	0.037						7.53	8.01	
6/21/06	0.040	1.18			2.00		7.64	8.02	
6/22/06	0.034						7.58	8.28	2
6/23/06	0.042	1.95			2.99		7.63	8.35	
6/24/06	0.041						7.68	7.40	
6/25/06	0.053						7.50	7.93	
6/26/06	0.048	1.48	2.13	4.24	2.00	0.40	7.33	7.38	
6/27/06	0.049						7.50	7.33	
6/28/06	0.041	1.15			2.00		7.52	7.45	
6/29/06	0.064						7.44	7.30	
6/30/06	0.044	1.60			2.00		7.29	7.39	2
7/1/06	0.044						7.58	7.86	
7/2/06	0.040						7.64	7.58	
7/3/06	0.042	1.03			2.00		7.35	7.68	
7/4/06	0.030						7.49	7.72	
7/5/06	0.044	1.41			2.00		7.63	7.39	
7/6/06	0.044						7.85	7.58	
7/7/06	0.034	1.44			2.00		7.63	7.69	2
7/8/06	0.037						7.45	7.27	
7/9/06	0.039						7.59	7.97	
7/10/06	0.037	3.51		1.32	2.87	5.80	7.41	7.39	
7/11/06	0.040						7.43	7.28	
7/12/06	0.039	14.00					7.53	7.58	2
7/13/06	0.035				6.70		7.51	7.82	
7/14/06	0.039	4.59			6.66		7.35	7.10	
7/15/06	0.042						7.53	7.28	
7/16/06	0.038						7.69	7.36	
7/17/06	0.041	1.34			2.00		7.29	6.93	
7/18/06	0.043						7.33	7.52	
7/19/06	0.040	1.52			2.06		7.43	7.52	2
7/20/06	0.046						7.59	7.67	
7/21/06	0.046	7.22			6.71		7.68	7.59	
7/22/06	0.037						7.49	6.99	
7/23/06	0.037						7.57	7.98	
7/24/06	0.034	3.81			3.63		7.28	7.44	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
4/2/06	0.048						7.96	10.13	
4/3/06	0.064	1.54			2.00		7.95	10.14	
4/4/06	0.051						7.86	10.09	
4/5/06	0.035	1.07			2.29		7.89	9.79	
4/6/06	0.043						7.95	10.13	
4/7/06	0.044	1.77			2.44		7.89	10.03	
4/8/06	0.039						7.86	9.96	
4/9/06	0.036						7.73	10.06	
4/10/06	0.056	1.65			2.00		7.80	9.31	
4/11/06	0.038						7.93	9.37	
4/12/06	0.041	1.90			2.08	2.20	7.78	9.42	
4/13/06	0.046						7.68	9.58	
4/14/06	0.041	1.61			2.34		7.74	9.27	
4/15/06	0.043						7.68	9.48	
4/16/06	0.055						7.71	9.21	
4/17/06	0.038	1.37	3.43	1.52	3.59		7.82	9.68	
4/18/06	0.039						7.73	8.78	
4/19/06	0.038	1.37			2.42		7.85	9.54	
4/20/06	0.031						7.88	9.48	
4/21/06	0.069	14.50			4.76		7.73	9.31	
4/22/06	0.046						7.68	9.58	
4/23/06	0.045						7.76	9.73	
4/24/06	0.045	1.35			3.73		7.72	8.98	
4/25/06	0.044						7.85	8.96	
4/26/06	0.038	1.91	5.12	1.69	2.00		7.78	8.84	
4/27/06	0.040						7.85	8.78	
4/28/06	0.048	1.36			2.00		7.60	8.81	
4/29/06	0.033						7.71	9.03	
4/30/06	0.059						7.74	9.16	
5/1/06	0.045	1.55			5.25		7.70	9.58	
5/2/06	0.049						7.82	9.73	
5/3/06	0.038	1.61	5.21	1.06	3.87		7.57	8.74	
5/4/06	0.041						7.66	9.65	
5/5/06	0.050	1.06			2.00		7.70	9.30	
5/6/06	0.034						7.83	9.45	
5/7/06	0.058						7.86	9.56	
5/8/06	0.053	2.58			2.00		7.48	8.53	
5/9/06	0.046						7.76	9.14	
5/10/06	0.049	0.91			2.00		7.48	8.44	
5/11/06	0.057						7.53	8.53	
5/12/06	0.050	6.29			2.00		7.67	8.03	
5/13/06	0.054						7.84	8.67	
5/14/06	0.050						7.47	8.57	
5/15/06	0.052	1.15			2.00		7.55	8.65	
5/16/06	0.058						7.58	8.81	
5/17/06	0.071	7.07			2.00		7.61	8.11	
5/18/06	0.061						7.46	8.47	
5/19/06	0.058	13.50			2.00		7.45	9.01	
5/20/06	0.034						7.55	9.12	
5/21/06	0.043						7.63	8.97	
5/22/06	0.072	7.76			2.59		7.74	8.45	
5/23/06	0.069						7.50	8.53	
5/24/06	0.055	9.54			2.32		7.86	8.24	
5/25/06	0.036						7.54	8.73	
5/26/06	0.038	7.25			5.35		7.63	8.68	
5/27/06	0.038						7.83	8.91	
5/28/06	0.037					2.20	7.87	8.24	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
2/4/06	0.080						7.69	9.11	
2/5/06	0.055						7.74	9.23	
2/6/06	0.037						7.53	9.32	
2/7/06	0.038						7.74	9.81	
2/8/06	0.047	2.03			12.06		7.58	9.67	
2/9/06	0.060						7.63	9.47	
2/10/06	0.065	11.00			4.49		7.67	9.50	
2/11/06	0.053	1.20			4.31		7.73	9.63	
2/12/06	0.038						7.68	9.56	
2/13/06	0.040	0.72			14.70		7.71	8.94	
2/14/06	0.025						7.50	7.61	
2/15/06	0.049	0.55	12.30	0.15	2.49		7.61	8.98	
2/16/06	0.047						7.73	9.21	
2/17/06	0.045	2.64			2.00		7.53	8.92	
2/18/06	0.038						7.69	9.08	
2/19/06	0.042						7.83	9.58	
2/20/06	0.053	1.99			2.55		7.80	9.95	
2/21/06	0.044						7.86	9.21	
2/22/06	0.058	1.89			3.68		7.71	10.52	
2/23/06	0.047						7.77	9.30	
2/24/06	0.049	16.50			3.18		7.69	8.63	
2/25/06	0.054						7.96	8.86	
2/26/06	0.049						7.74	9.68	
2/27/06	0.051	1.60	3.12	0.27	3.39	3.10	7.86	9.38	
2/28/06	0.047						8.01	9.27	
3/1/06	0.058	1.52	7.81	0.10	2.03		7.68	9.95	
3/2/06	0.015						7.19	9.56	
3/3/06	0.065	4.46			4.26		7.38	9.73	
3/4/06	0.043						7.27	8.66	
3/5/06	0.087						7.31	9.89	
3/6/06	0.048	1.38			2.20	2.80	7.06	9.41	
3/7/06	0.049						7.36	9.38	
3/8/06	0.053	1.22			2.00		7.95	9.52	
3/9/06	0.050						7.21	9.54	
3/10/06	0.044	0.50			2.00		7.29	9.44	
3/11/06	0.055						7.38	9.23	
3/12/06	0.049						7.58	9.59	
3/13/06	0.050	1.20			2.20		7.60	9.02	
3/14/06	0.041						7.42	9.12	
3/15/06	0.036						7.61	8.98	
3/16/06	0.047	0.90			2.00		7.56	9.70	
3/17/06	0.043	0.50			2.00		7.47	10.19	
3/18/06	0.046						7.57	10.02	
3/19/06	0.048						7.67	10.06	
3/20/06	0.049	1.11	4.30	0.66	2.00		7.56	10.77	
3/21/06	0.036						7.54	10.05	
3/22/06	0.036	0.94			3.56		7.49	11.23	
3/23/06	0.027						7.71	10.13	
3/24/06	0.045	0.50			2.00		7.53	10.36	
3/25/06	0.044						7.83	10.08	
3/26/06	0.048						7.53	9.97	
3/27/06	0.051	0.71			2.00		7.51	9.86	
3/28/06	0.039						8.06	10.26	
3/29/06	0.037						8.12	10.97	
3/30/06	0.048						7.96	10.21	
3/31/06	0.049	0.50			2.00		7.53	9.63	
4/1/06	0.047	0.50			3.38		7.87	9.93	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
12/9/05	0.044				2.24		7.55	9.57	
12/10/05	0.052	1.02			3.68		7.58	9.55	
12/11/05	0.064						7.54	9.51	
12/12/05	0.066	0.78					7.67	9.93	
12/13/05	0.045						7.59	9.92	
12/14/05	0.061	1.23			2.48		7.58	9.87	
12/15/05	0.080						7.53	9.61	
12/16/05	0.060	3.17			2.00		7.61	8.84	
12/17/05	0.052				2.00		7.51	10.40	
12/18/05	0.063						7.59	9.31	
12/19/05	0.067	1.43	1.38	0.21	3.75	2.70	7.52	10.05	
12/20/05	0.051						7.61	9.77	
12/21/05	0.043	1.11			3.47		7.64	9.29	
12/22/05	0.051						7.69	9.41	
12/23/05	0.063	1.55			2.00		7.56	9.25	
12/24/05	0.055						7.73	10.40	
12/25/05	0.032						7.74	9.92	
12/26/05	0.046	1.07			5.80		7.59	9.32	
12/27/05	0.068						7.72	9.93	
12/28/05	0.045	1.22			2.00		7.61	9.89	
12/29/05	0.038						7.78	9.83	
12/30/05	0.070				7.08		7.78	10.09	
12/31/05	0.066	2.67					7.74	9.26	
1/1/06	0.039						7.73	9.33	
1/2/06	0.068						7.78	10.13	
1/3/06	0.019						7.83	9.93	
1/4/06	0.127	0.91	4.59	0.12	2.00		7.85	9.96	
1/5/06	0.060	1.16			1.88		7.76	9.21	
1/6/06	0.042	0.79			2.00		7.85	9.17	
1/7/06	0.040						7.96	9.89	
1/8/06	0.046						7.68	9.23	
1/9/06	0.051				2.00	1.60	7.80	8.87	
1/10/06	0.053						7.83	9.84	
1/11/06	0.075	0.86					7.81	9.75	
1/12/06	0.051						7.86	9.68	
1/13/06	0.049				2.00		7.63	9.97	
1/14/06	0.056	1.20			2.07		7.69	9.89	
1/15/06	0.058						7.71	9.95	
1/16/06	0.050	1.11	4.22	0.28	2.18		7.89	9.82	
1/17/06	0.059						7.70	10.17	
1/18/06	0.055				2.93		7.78	10.09	
1/19/06	0.038						7.73	9.73	
1/20/06	0.062	7.53			8.44		7.82	9.93	
1/21/06	0.035						7.95	9.78	
1/22/06	0.054						7.84	9.69	
1/23/06	0.062						7.89	9.72	
1/24/06	0.078						7.68	9.65	
1/25/06	0.067	1.84			2.27		7.62	7.13	
1/26/06	0.060	1.58			2.05		7.81	9.10	
1/27/06	0.045						7.73	9.16	
1/28/06	0.051	18.70			7.72		7.83	8.21	
1/29/06	0.055						7.63	9.69	
1/30/06	0.056	13.40			5.05		7.73	9.24	
1/31/06	0.044						7.65	9.62	
2/1/06	0.050	2.08			8.80		7.75	10.37	
2/2/06	0.055						7.83	9.97	
2/3/06	0.051	1.84			2.15		7.93	9.38	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
10/13/05	0.058						7.62	8.02	
10/14/05	0.060	2.03	1.08	0.28	1.89		7.57	8.17	
10/15/05	0.059						7.53	8.32	
10/16/05	0.033						7.63	7.99	
10/17/05	0.066	1.78			2.00		7.69	8.09	
10/18/05	0.072						7.66	8.44	
10/19/05	0.012	3.3			1.75		7.61	8.62	
10/20/05	0.029						7.39	8.50	
10/21/05	0.075	2.19			2.40		7.66	8.51	
10/22/05	0.071						7.59	8.73	
10/23/05	0.067						7.73	8.51	
10/24/05	0.062	2.03			3.68		7.66	8.45	
10/25/05	0.066						7.78	8.86	
10/26/05	0.080	2.2	4.33	0.72	3.77		7.70	8.51	
10/27/05	0.068						7.64	8.63	
10/28/05	0.071	2			1.66		7.75	8.98	
10/29/05	0.074						7.65	8.42	
10/30/05	0.072						7.63	9.76	
10/31/05	0.065	2.01			3.00		7.77	8.75	
11/1/05	0.063				2.18		7.63	8.70	
11/2/05	0.078	1.80			3.15		7.60	8.71	
11/3/05	0.055						7.76	8.61	
11/4/05	0.053	1.69			2.43		7.77	8.86	
11/5/05	0.075						7.47	9.17	
11/6/05	0.081						7.55	8.92	
11/7/05	0.039	5.86			2.49	4.30	7.58	8.48	
11/8/05	0.043						7.66	8.26	
11/9/05	0.044	2.50	0.74	0.30			7.70	8.69	
11/10/05	0.054				2.66		7.63	8.41	
11/11/05	0.046	2.42			2.87		7.81	8.38	
11/12/05	0.060						7.64	8.14	
11/13/05	0.053						7.67	8.27	
11/14/05	0.075	1.70			1.31		7.70	8.73	
11/15/05	0.050						7.83	8.31	
11/16/05	0.060	1.77			2.00		7.52	8.85	
11/17/05	0.054						7.68	8.61	
11/18/05	0.051	0.89			2.00		7.91	8.33	
11/19/05	0.053						7.76	8.36	
11/20/05	0.054						7.85	8.39	
11/21/05	0.077	0.98			1.37		7.70	8.87	
11/22/05	0.067	0.96			1.71		7.90	9.34	
11/23/05	0.045						7.82	9.66	
11/24/05	0.036						7.89	9.56	
11/25/05	0.043						7.96	9.87	
11/26/05	0.064	0.82			1.49		7.83	9.57	
11/27/05	0.081						7.63	9.18	
11/28/05	0.069	1.05	3.52	0.32	1.31		7.67	8.97	
11/29/05	0.061						7.84	9.63	
11/30/05	0.049						7.56	8.83	
12/1/05	0.035	1.21			2.00		7.69	9.17	
12/2/05	0.057	1.30			2.00		7.83	9.26	
12/3/05	0.054						7.94	9.92	
12/4/05	0.068						7.53	9.29	
12/5/05	0.048	1.74					7.65	10.24	
12/6/05	0.034						7.64	10.35	
12/7/05	0.046	7.77	0.40	1.41			7.50	9.41	
12/8/05	0.041				3.80		7.52	9.22	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
8/17/05	0.061	1.37			2.90		7.68	7.14	
8/18/05	0.053						7.77	7.86	
8/19/05	0.069	2.08	2.26		4.49		7.81	8.11	
8/20/05	0.059						7.75	7.83	
8/21/05	0.047						7.70	7.96	
8/22/05	0.038	1.04		0.42	2.00		7.80	8.14	
8/23/05	0.046						7.52	8.28	
8/24/05	0.050						7.53	7.43	
8/25/05	0.060	5.78			10.77		7.90	8.15	
8/26/05	0.055	2.33			3.00		7.89	7.85	
8/27/05	0.057						7.84	7.57	
8/28/05	0.045						7.86	7.68	
8/29/05	0.041	1.26			2.00		7.93	7.84	
8/30/05	0.034						7.75	7.66	
8/31/05	0.031	1.32			1.82		7.90	7.53	
9/1/05	0.032						7.99	8.27	
9/2/05	0.043	1.24			2.00		7.93	8.25	
9/3/05	0.052						7.98	7.86	
9/4/05	0.055						7.92	7.59	
9/5/05	0.058						7.92	8.02	
9/6/05	0.047	1.72			2.06		8.02	7.92	
9/7/05	0.040	1.44	3.45	1.21	1.61	1.40	7.92	8.08	
9/8/05	0.064						7.74	8.22	
9/9/05	0.049				2.00		7.95	8.24	
9/10/05	0.068	1.17					7.92	8.62	
9/11/05	0.061						7.88	8.76	
9/12/05	0.051	1.11			2.00		7.98	8.52	
9/13/05	0.058						7.93	8.36	
9/14/05	0.058	1.03			4.24		7.84	8.22	
9/15/05	0.033						7.96	8.19	
9/16/05	0.065						7.91	7.84	
9/17/05	0.036	1.18			1.29		7.89	8.00	
9/18/05	0.072	1.33			2.00		8.14	8.08	
9/19/05	0.038						8.32	8.28	
9/20/05	0.029						7.78	8.08	
9/21/05	0.079	1.38					7.89	7.68	
9/22/05	0.053				2.00		7.82	8.05	
9/23/05	0.026	1.23			2.00		7.66	8.08	
9/24/05	0.075						7.91	7.51	
9/25/05	0.060				3.07		7.92	8.04	
9/26/05	0.051						7.79	7.65	
9/27/05	0.058	1.54					7.84	7.85	
9/28/05	0.073	0.50	4.07	1.88	2.00		7.78	7.97	
9/29/05	0.020				2.00		7.84	7.97	
9/30/05	0.021						7.78	8.61	
10/1/05	0.041				1.79		7.83	8.17	
10/2/05	0.047						7.78	8.48	
10/3/05	0.053	1.47			1.61		7.91	8.43	
10/4/05	0.042						7.82	8.76	
10/5/05	0.038	1.58			3.02		7.80	8.33	
10/6/05	0.046						7.84	8.24	
10/7/05	0.067	2.41			3.45		7.76	8.31	
10/8/05	0.060						7.68	8.04	
10/9/05	0.045						7.59	7.75	
10/10/05	0.063	1.1			2.07	2.20	7.81	8.14	
10/11/05	0.065						7.65	8.49	
10/12/05	0.064	1.68		0.38	2.00		7.59	8.61	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
6/21/05	0.061				14.70		7.40	8.42	
6/22/05	0.068	3.56		0.98	7.10		7.40	7.91	
6/23/05	0.068	3.39					7.61	7.97	
6/24/05	0.080	3.48					7.54	8.08	
6/25/05	0.082						7.35	8.44	
6/26/05	0.068						7.26	9.82	
6/27/05	0.092	2.71					7.43	8.42	
6/28/05	0.069						7.79	9.40	
6/29/05	0.072	1.34	1.29		2.20		7.53	8.24	
6/30/05	0.074				3.70	1.80	7.51	8.49	
7/1/05	0.066				10.28		7.61	8.90	
7/2/05	0.066						7.53	8.45	
7/3/05	0.066						7.58	8.56	
7/4/05	0.066						7.77	8.92	
7/5/05	0.076				5.63		7.69	8.45	
7/6/05	0.091	0.93			1.47		7.44	8.46	
7/7/05	0.083	1.26			2.78		7.63	8.50	
7/8/05	0.096	0.85					7.32	8.83	
7/9/05	0.068						7.45	8.27	
7/10/05	0.077						7.16	8.77	
7/11/05	0.092	0.93	0.61	0.17	2.00		7.57	8.46	
7/12/05	0.082						7.49	8.19	
7/13/05	0.095				1.65		7.52	7.79	
7/14/05	0.054						7.57	8.49	
7/15/05	0.060				2.00		7.63	7.91	
7/16/05	0.058						7.48	7.98	
7/17/05	0.074						7.74	8.55	
7/18/05	0.022	1.17			2.00		7.82	7.79	
7/19/05	0.066						7.49	7.69	
7/20/05	0.063	2.35			4.35		7.54	7.93	
7/21/05	0.055	1.51			2.39		7.60	8.24	
7/22/05	0.075						7.44	8.35	
7/23/05	0.046	2.40					7.58	7.61	
7/24/05	0.064						7.60	7.89	
7/25/05	0.036	3.04			3.56		7.62	9.14	
7/26/05	0.102						7.73	7.54	
7/27/05	0.021	3.37	2.85	0.40	4.04		7.65	7.63	
7/28/05	0.026						7.69	7.21	
7/29/05	0.059	1.61			2.00		7.60	8.67	
7/30/05	0.069						7.68	7.99	
7/31/05	0.039					1.10	7.89	8.24	
8/1/05	0.046	1.28			2.10		7.83	8.19	
8/2/05	0.048				1.68		8.02	7.38	
8/3/05	0.060	1.12				1.70	7.75	7.62	
8/4/05	0.057						7.84	8.32	
8/5/05	0.048	1.25					7.83	8.35	
8/6/05	0.045						7.79	7.15	
8/7/05	0.045						7.82	7.36	
8/8/05	0.053	1.22			2.00		7.87	7.27	
8/9/05	0.070						7.79	7.33	
8/10/05	0.049	1.22	3.45	0.56	2.40		7.82	7.61	
8/11/05	0.065						7.89	7.44	
8/12/05	0.048	1.43			2.46		7.79	7.49	
8/13/05	0.058						7.90	8.21	
8/14/05	0.058						7.66	8.36	
8/15/05	0.049	1.29			1.58		7.72	7.58	
8/16/05	0.052						7.66	7.99	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
4/25/05	0.095	2.28			2.55		7.82	9.34	
4/26/05	0.111						7.79	9.50	
4/27/05	0.076	1.80			2.89		8.13	9.26	
4/28/05	0.064						8.25	8.94	
4/29/05	0.077	2.64			3.70		7.69	8.77	
4/30/05	0.060						7.50	8.61	
5/1/05	0.087	1.46			1.88		7.83	8.73	
5/2/05	0.089						8.20	8.59	
5/3/05	0.075	1.53			2.27		7.91	8.64	
5/4/05	0.060					0.90	7.75	8.81	
5/5/05	0.112	1.43			2.14		7.57	7.83	
5/6/05	0.087						7.55	8.39	
5/7/05	0.058						7.51	8.47	
5/8/05	0.046	1.34			2.48		7.48	8.63	
5/9/05	0.113						7.52	9.29	
5/10/05	0.069	1.41			2.07		7.49	9.35	
5/11/05	0.085						7.43	9.44	
5/12/05	0.046	1.18	2.71	0.25	2.03		7.37	9.39	
5/13/05	0.055						7.50	9.23	
5/14/05	0.046						7.36	9.30	
5/15/05	0.047	1.28			2.22		7.41	9.05	
5/16/05	0.068						7.38	8.89	
5/17/05	0.078	2.88			*		7.56	9.21	
5/18/05	0.044						7.40	9.28	
5/19/05	0.075	1.35			3.31		7.63	8.72	
5/20/05	0.063						7.67	8.83	
5/21/05	0.049						7.69	8.89	
5/22/05	0.070	1.11			7.01		7.73	8.96	
5/23/05	0.079						7.59	*	
5/24/05	0.066	1.63			3.11		7.68	9.21	
5/25/05	0.071						7.79	9.03	
5/26/05	0.052	1.54	8.40	0.43			7.83	9.18	
5/27/05	0.065				0.87		7.99	8.97	
5/28/05	0.054						7.86	8.91	
5/29/05	0.073	1.64			3.87		7.91	8.76	
5/30/05	0.069						7.93	8.80	
5/31/05	0.056						7.49	8.53	
6/1/05	0.056	5.90			5.90		7.61	8.67	
6/2/05	0.059	2.69			3.00		7.36	8.71	
6/3/05	0.069						7.48	8.53	
6/4/05	0.053						7.53	9.26	
6/5/05	0.058	6.82	0.65	2.53	6.10		7.47	8.97	
6/6/05	0.072						7.41	9.14	
6/7/05	0.079	2.28			1.00		7.45	9.20	
6/8/05	0.087						7.39	9.15	
6/9/05	0.085	1.38			2.00		7.33	9.22	
6/10/05	0.071						7.37	9.17	
6/11/05	0.058						7.40	9.25	
6/12/05	0.055						7.35	9.31	
6/13/05	0.089	1.88					7.20	9.28	
6/14/05	0.076				8.70		7.28	8.65	
6/15/05	0.083	2.20			41.60		7.93	8.51	
6/16/05	0.069						7.91	8.37	
6/17/05	0.053	0.50		0.21	11.50		7.87	8.63	
6/18/05	0.076						7.21	9.04	
6/19/05	0.084						7.22	8.72	
6/20/05	0.099				4.60		7.26	9.60	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
2/27/05	0.063	1.67			2.00		7.81	10.48	
2/28/05	0.082						7.83	10.54	
3/1/05	0.076	2.04			2.00	3.60	7.71	10.60	
3/2/05	0.076						7.64	10.74	
3/3/05	0.067	2.01			2.00		7.52	10.29	
3/4/05	0.071						7.58	10.56	
3/5/05	0.067						7.65	10.63	
3/6/05	0.091	2.11		0.35	2.00		7.50	10.42	
3/7/05	0.091						7.71	10.21	
3/8/05	0.067	2.47			2.00		7.55	11.32	
3/9/05	0.047						7.67	11.27	
3/10/05	0.096	1.90	3.27		2.00		7.59	10.71	
3/11/05	0.061						7.85	10.50	
3/12/05	0.086						7.73	10.73	
3/13/05	0.061	3.46			2.00		7.68	10.68	
3/14/05	0.073						7.62	10.62	
3/15/05	0.053	1.52			2.00		7.81	11.69	
3/16/05	0.071						7.69	11.65	
3/17/05	0.068	4.16			2.00		7.56	10.84	
3/18/05	0.068						7.43	10.72	
3/19/05	0.049						7.51	10.32	
3/20/05	0.063	4.05			2.00		7.20	10.20	
3/21/05	0.063						7.26	10.22	
3/22/05	0.059	1.55			2.00		7.18	10.08	
3/23/05	0.086						7.63	10.42	
3/24/05	0.066	1.59	5.88	0.22	2.00		7.83	10.38	
3/25/05	0.038						7.91	11.25	
3/26/05	0.048						7.78	10.98	
3/27/05	0.035	2.73			2.00		7.62	10.67	
3/28/05	0.091						7.71	11.33	
3/29/05	0.094	2.48			2.00		7.60	11.40	
3/30/05	0.074						7.50	10.63	
3/31/05	0.086						7.73	11.23	
4/1/05	0.063	1.42			2.45		7.68	10.62	
4/2/05	0.087						7.72	10.85	
4/3/05	0.075	1.40			1.67		7.80	11.23	
4/4/05	0.072					3.10	7.30	10.35	
4/5/05	0.070	1.33			1.71		7.43	10.10	
4/6/05	0.056						8.20	9.78	
4/7/05	0.072						8.35	9.89	
4/8/05	0.064						8.41	9.93	
4/9/05	0.090	1.68	2.66	0.16	1.74		8.23	10.16	
4/10/05	0.060						8.11	10.41	
4/11/05	0.079						8.53	10.51	
4/12/05	0.123	2.48			2.00		8.48	11.23	
4/13/05	0.089						8.39	10.48	
4/14/05	0.117	1.85			3.29		7.83	10.16	
4/15/05	0.078						7.69	9.98	
4/16/05	0.096	1.88			2.00		7.67	9.71	
4/17/05	0.062						7.52	9.54	
4/18/05	0.038						7.65	9.30	
4/19/05	0.026						7.71	9.43	
4/20/05	0.099	1.79	2.71	0.13	5.72		7.69	9.63	
4/21/05	0.085						7.83	9.68	
4/22/05	0.069				3.16		8.15	9.75	
4/23/05	0.073	1.98			5.42		8.27	9.83	
4/24/05	0.070						8.43	9.89	

DATE	(MGD) OO1	TKN	N/N	PHOS	CBOD OO1	TSS OO1	OO1 PH	OO1 DO	E-COLI N/CML
1/1/05	0.035						8.10	8.10	
1/2/05	0.052						8.05	8.00	
1/3/05	0.052	0.96	3.27	0.26	1.79	2.20	8.21	7.93	
1/4/05	0.049	1.01			3.33		8.35	8.20	
1/5/05	0.039	0.87					8.00	7.98	
1/6/05	0.063				2.75		8.09	9.98	
1/7/05	0.052						8.11	9.96	
1/8/05	0.058				2.00		8.21	9.83	
1/9/05	0.069						8.05	9.25	
1/10/05	0.028	0.92			3.83		7.89	8.33	
1/11/05	0.052						7.54	8.58	
1/12/05	0.101						7.81	8.96	
1/13/05	0.052	0.66			2.00		7.95	9.99	
1/14/05	0.053	0.64			4.05		7.91	9.21	
1/15/05	0.061						7.89	9.10	
1/16/05	0.032						7.95	9.13	
1/17/05	0.028						8.30	9.75	
1/18/05	0.031	0.76			2.00		8.21	10.85	
1/19/05	0.034						7.58	12.04	
1/20/05	0.056	0.70			2.00		7.75	12.24	
1/21/05	0.064						7.63	11.51	
1/22/05	0.055	1.22		0.10	4.00		7.51	12.31	
1/23/05	0.030	1.08		0.10	4.38		7.73	11.66	
1/24/05	0.024						8.16	11.20	
1/25/05	0.077	4.55	5.05		2.00		7.91	11.13	
1/26/05	0.061						8.25	11.10	
1/27/05	0.054	1.89			2.00		7.75	11.49	
1/28/05	0.045						7.83	11.62	
1/29/05	0.050						7.70	11.50	
1/30/05	0.070				2.00		7.85	11.72	
1/31/05	0.057						8.00	11.53	
2/1/05	0.080	5.21	5.69	0.45	2.71		7.89	10.75	
2/2/05	0.071						7.67	10.40	
2/3/05	0.064	1.89			2.00		7.63	11.56	
2/4/05	0.071							10.42	
2/5/05	0.068						7.46	10.30	
2/6/05	0.046	0.84			2.00		7.60	10.10	
2/7/05	0.061					1.30	7.68	10.05	
2/8/05	0.065	1.48			2.00		7.75	11.49	
2/9/05	0.065						7.41	10.25	
2/10/05	0.055	1.23			2.00		7.60	11.52	
2/11/05	0.073						7.59	10.50	
2/12/05	0.099						7.16	9.84	
2/13/05	0.048	1.19			2.00		7.25	9.87	
2/14/05	0.052						7.63	11.20	
2/15/05	0.034	1.22			2.00		7.51	10.23	
2/16/05	0.068						7.48	10.11	
2/17/05	0.060	5.47					7.61	10.81	
2/18/05	0.086				2.00		7.71	10.74	
2/19/05	0.071						7.67	10.85	
2/20/05	0.053	1.43			2.00		7.87	11.31	
2/21/05	0.074						7.75	10.94	
2/22/05	0.067	1.42			2.00		7.67	10.50	
2/23/05	0.056						7.51	10.34	
2/24/05	0.072	2.00	4.79	0.39	2.00		7.60	10.28	
2/25/05	0.042						7.85	10.35	
2/26/05	0.098						7.34	10.32	

A-06	S-06	O-06	N-06	D-06	J-07	F-07	M-07	A-07	M-07	J-07	J-07	A-07	S-07	O-07	N-07	D-07
7.52	7.42	7.83	7.58	7.41	7.42	7.54	7.36	7.51	7.49	7.54	7.63	7.72	7.57	7.52	7.57	7.81
7.51	7.61	7.49	7.53	7.58	7.61	7.61	7.49	7.48	7.54	7.43	7.59	7.68	7.60	7.57	7.60	7.59
7.64	7.53	7.53	7.61	7.69	7.54	7.58	7.58	7.61	7.46	7.59	7.51	7.91	7.49	7.60	7.84	7.43
7.74	7.67	7.55	7.71	7.75	7.54	7.41	7.42	7.43	7.51	7.55	7.48	7.86	7.50	7.51	7.62	7.57
7.64	7.47	7.49	7.39	7.49	7.43	7.72	7.59	7.58	7.43	7.57	7.52	7.88	7.58	7.56	7.58	7.41
8.08	7.69	7.47	7.60	7.59	7.61	7.62	7.51	7.67	7.63	7.41	7.41	7.80	7.68	7.54	7.61	7.45
7.47	7.81	7.36	7.53	7.72	7.53	7.53	7.58	7.43	7.58	7.61	7.52	7.61	7.51	7.58	7.60	7.20
7.53	7.28	7.49	7.41	7.48	7.48	7.48	7.41	7.52	7.47	7.57	7.48	7.46	7.43	7.52	7.57	7.35
7.80	7.43	7.42	7.36	7.54	7.51	7.42	7.59	7.41	7.51	7.40	7.51	7.63	7.55	7.60	7.51	7.51
7.79	7.63	7.53	7.58	7.58	7.47	7.56	7.43	7.49	7.39	7.41	7.48	7.81	7.51	7.58	7.62	7.63
7.68	6.71	7.56	7.71	7.43	7.63	7.58	7.62	7.57	7.47	7.53	7.80	7.73	7.47	7.57	7.59	7.74
7.59	7.21	7.41	7.35	7.50	7.86	7.41	7.51	7.43	7.58	7.47	7.69	7.69	7.54	7.56	7.51	7.41
7.43	7.41	7.12	7.70	7.57	7.58	7.57	7.67	7.51	7.49	7.58	7.86	7.66	7.60	7.59	7.46	7.36
7.32	7.30	7.43	7.53	7.51	7.28	7.48	7.54	7.48	7.51	7.52	7.70	7.58	7.58	7.53	7.55	7.52
7.49	7.41	7.51	7.61	7.62	7.69	7.61	7.63	7.61	7.47	7.48	7.66	7.69	7.51	7.48	7.41	7.74
7.40	7.32	7.63	7.43	7.58	7.43	7.43	7.52	7.44	7.54	7.53	7.71	7.60	7.49	7.51	7.56	7.64
7.67	7.28	7.42	7.57	7.71	7.51	7.58	7.48	7.51	7.41	7.41	7.93	7.54	7.69	7.49	7.51	7.71
7.52	7.67	7.52	7.48	7.81	7.43	7.63	7.51	7.69	7.48	7.51	7.90	7.50	7.51	7.58	7.48	7.60
7.80	7.65	7.34	7.29	7.98	7.25	7.53	7.41	7.44	7.53	7.47	7.99	7.65	7.61	7.49	7.59	7.81
7.63	7.86	7.70	7.69	7.61	7.41	7.48	7.54	7.57	7.41	7.58	7.83	7.32	7.57	7.54	7.61	7.56
7.45	7.78	7.61	7.63	7.43	7.53	7.51	7.49	7.62	7.64	7.41	7.71	7.52	7.64	7.58	7.58	7.48
7.50	8.00	7.52	7.54	7.59	7.51	7.48	7.58	7.53	7.58	7.49	7.93	7.41	7.60	7.56	7.63	7.61
7.48	7.34	7.49	7.69	7.49	7.48	7.41	7.41	7.41	7.51	7.59	8.70	7.52	7.58	7.57	7.81	7.69
7.53	7.12	7.53	7.28	7.57	7.58	7.53	7.53	7.49	7.48	7.58	8.41	7.64	7.51	7.60	7.73	7.58
7.52	7.79	7.35	7.43	7.46	7.51	7.47	7.59	7.52	7.57	7.50	8.03	7.58	7.64	7.59	7.79	7.60
7.63	7.24	7.48	7.54	7.52	7.68	7.58	7.42	7.61	7.43	7.54	8.23	7.56	7.51	7.47	7.68	7.70
7.43	7.77	7.41	7.71	7.46	7.48	7.52	7.58	7.57	7.51	7.43	8.85	7.60	7.44	7.50	7.60	7.84
7.21	7.18	7.54	7.59	7.85	7.62	7.41	7.41	7.42	7.49	7.51	8.71	7.32	7.59	7.48	7.57	7.80
7.47	7.26	7.48	7.54	7.57	7.48		7.53	7.51	7.58	7.44	8.23	7.48	7.54	7.59	7.61	7.64
7.53	7.73	7.67	7.43	7.43	7.57		7.42	7.49	7.54	7.57	7.98	7.59	7.73	7.64	7.59	7.57
7.63		7.56		7.59	7.61		7.57		7.41		7.84	7.60		7.61		7.69

pH																			
	J-05	F-05	M-05	A-05	M-05	J-05	J-05	A-05	S-05	O-05	N-05	D-05	J-06	F-06	M-06	A-06	M-06	J-06	J-06
day																			
1	8.10	7.89	7.71	7.68	7.83	7.61	7.61	7.83	7.99	7.83	7.63	7.69	7.73	7.75	7.68	7.87	7.70	7.42	7.58
2	8.05	7.67	7.64	7.72	8.20	7.36	7.53	8.02	7.93	7.78	7.60	7.83	7.78	7.83	7.19	7.96	7.82	7.37	7.64
3	8.21	7.63	7.52	7.80	7.91	7.48	7.58	7.75	7.98	7.91	7.76	7.94	7.83	7.93	7.38	7.95	7.57	7.48	7.35
4	8.35		7.58	7.30	7.75	7.53	7.77	7.84	7.92	7.82	7.77	7.53	7.85	7.69	7.27	7.86	7.66	7.53	7.49
5	8.00	7.46	7.65	7.43	7.57	7.47	7.69	7.83	7.92	7.80	7.47	7.65	7.76	7.74	7.31	7.89	7.70	7.54	7.63
6	8.09	7.60	7.50	8.20	7.55	7.41	7.44	7.79	8.02	7.84	7.55	7.64	7.85	7.53	7.06	7.95	7.83	7.41	7.85
7	8.11	7.68	7.71	8.35	7.51	7.45	7.63	7.82	7.92	7.76	7.58	7.50	7.96	7.74	7.36	7.89	7.86	7.49	7.63
8	8.21	7.75	7.55	8.41	7.48	7.39	7.32	7.87	7.74	7.68	7.66	7.52	7.68	7.58	7.95	7.86	7.48	7.58	7.45
9	8.05	7.41	7.67	8.23	7.52	7.33	7.45	7.79	7.95	7.59	7.70	7.55	7.80	7.63	7.21	7.73	7.76	7.64	7.59
10	7.89	7.60	7.59	8.11	7.49	7.37	7.16	7.82	7.92	7.81	7.63	7.58	7.83	7.67	7.29	7.80	7.48	7.47	7.41
11	7.54	7.59	7.85	8.53	7.43	7.40	7.57	7.89	7.88	7.65	7.81	7.54	7.81	7.73	7.38	7.93	7.53	7.61	7.43
12	7.81	7.16	7.73	8.48	7.37	7.35	7.49	7.79	7.98	7.59	7.64	7.67	7.86	7.68	7.58	7.78	7.67	7.54	7.53
13	7.95	7.25	7.68	8.39	7.50	7.20	7.52	7.90	7.93	7.62	7.67	7.59	7.63	7.71	7.60	7.68	7.84	7.49	7.51
14	7.91	7.63	7.62	7.83	7.36	7.28	7.57	7.66	7.84	7.57	7.70	7.58	7.69	7.50	7.42	7.74	7.47	7.47	7.35
15	7.89	7.51	7.81	7.69	7.41	7.93	7.63	7.72	7.96	7.53	7.83	7.53	7.71	7.61	7.61	7.68	7.55	7.54	7.53
16	7.95	7.48	7.69	7.67	7.38	7.91	7.48	7.66	7.91	7.63	7.52	7.61	7.89	7.73	7.56	7.71	7.58	7.57	7.69
17	8.30	7.61	7.56	7.52	7.56	7.87	7.74	7.68	7.89	7.69	7.68	7.51	7.70	7.53	7.47	7.82	7.61	7.63	7.29
18	8.21	7.71	7.43	7.65	7.40	7.21	7.82	7.77	8.14	7.66	7.91	7.59	7.78	7.69	7.57	7.73	7.46	7.70	7.33
19	7.58	7.67	7.51	7.71	7.63	7.22	7.49	7.81	8.32	7.61	7.76	7.52	7.73	7.83	7.67	7.85	7.45	7.61	7.43
20	7.75	7.87	7.20	7.69	7.67	7.26	7.54	7.75	7.78	7.39	7.85	7.61	7.82	7.80	7.56	7.88	7.55	7.53	7.59
21	7.63	7.75	7.26	7.83	7.69	7.40	7.60	7.70	7.89	7.66	7.70	7.64	7.95	7.86	7.54	7.73	7.63	7.64	7.68
22	7.51	7.67	7.18	8.15	7.73	7.40	7.44	7.80	7.82	7.59	7.90	7.69	7.84	7.71	7.49	7.68	7.74	7.58	7.49
23	7.73	7.51	7.63	8.27	7.59	7.61	7.58	7.52	7.66	7.73	7.82	7.56	7.89	7.77	7.71	7.76	7.50	7.63	7.57
24	8.16	7.60	7.83	8.43	7.68	7.54	7.60	7.53	7.91	7.66	7.89	7.73	7.68	7.69	7.53	7.72	7.86	7.68	7.28
25	7.91	7.85	7.91	7.82	7.79	7.35	7.62	7.90	7.92	7.78	7.96	7.74	7.62	7.96	7.83	7.85	7.54	7.50	7.48
26	8.25	7.34	7.78	7.79	7.83	7.26	7.73	7.89	7.79	7.70	7.83	7.59	7.81	7.74	7.53	7.78	7.63	7.33	7.29
27	7.75	7.81	7.62	8.13	7.99	7.43	7.65	7.84	7.84	7.64	7.63	7.72	7.73	7.86	7.51	7.85	7.83	7.50	7.49
28	7.83	7.83	7.71	8.25	7.86	7.79	7.69	7.86	7.78	7.75	7.67	7.61	7.83	8.01	8.06	7.60	7.87	7.52	7.31
29	7.70		7.60	7.69	7.91	7.53	7.60	7.93	7.84	7.65	7.84	7.78	7.63		8.12	7.71	7.45	7.44	7.45
30	7.85		7.50	7.50	7.93	7.51	7.68	7.75	7.78	7.63	7.56	7.78	7.73		7.96	7.74	7.39	7.29	7.53
31	8.00		7.73		7.49		7.89	7.90		7.77		7.74	7.65		7.53		7.67		7.53

min	6.71
max	8.85
avg	7.63

A-06	S-06	O-06	N-06	D-06	J-07	F-07	M-07	A-07	M-07	J-07	J-07	A-07	S-07	O-07	N-07	D-07
7.52	7.42	7.83	7.58	7.41	7.42	7.54	7.36	7.51	7.49	7.54	7.63	7.72	7.57	7.52	7.57	7.81
7.51	7.61	7.49	7.53	7.58	7.61	7.61	7.49	7.48	7.54	7.43	7.59	7.68	7.60	7.57	7.60	7.59
7.64	7.53	7.53	7.61	7.69	7.54	7.58	7.58	7.61	7.46	7.59	7.51	7.91	7.49	7.60	7.84	7.43
7.74	7.67	7.55	7.71	7.75	7.54	7.41	7.42	7.43	7.51	7.55	7.48	7.86	7.50	7.51	7.62	7.57
7.64	7.47	7.49	7.39	7.49	7.43	7.72	7.59	7.58	7.43	7.57	7.52	7.88	7.58	7.56	7.58	7.41
8.08	7.69	7.47	7.60	7.59	7.61	7.62	7.51	7.67	7.63	7.41	7.41	7.80	7.68	7.54	7.61	7.45
7.47	7.81	7.36	7.53	7.72	7.53	7.53	7.58	7.43	7.58	7.61	7.52	7.61	7.51	7.58	7.60	7.20
7.53	7.28	7.49	7.41	7.48	7.48	7.48	7.41	7.52	7.47	7.57	7.48	7.46	7.43	7.52	7.57	7.35
7.80	7.43	7.42	7.36	7.54	7.51	7.42	7.59	7.41	7.51	7.40	7.51	7.63	7.55	7.60	7.51	7.51
7.79	7.63	7.53	7.58	7.58	7.47	7.56	7.43	7.49	7.39	7.41	7.48	7.81	7.51	7.58	7.62	7.63
7.68	6.71	7.56	7.71	7.43	7.63	7.58	7.62	7.57	7.47	7.53	7.80	7.73	7.47	7.57	7.59	7.74
7.59	7.21	7.41	7.35	7.50	7.86	7.41	7.51	7.43	7.58	7.47	7.69	7.69	7.54	7.56	7.51	7.41
7.43	7.41	7.12	7.70	7.57	7.58	7.57	7.67	7.51	7.49	7.58	7.86	7.66	7.60	7.59	7.46	7.36
7.32	7.30	7.43	7.53	7.51	7.28	7.48	7.54	7.48	7.51	7.52	7.70	7.58	7.58	7.53	7.55	7.52
7.49	7.41	7.51	7.61	7.62	7.69	7.61	7.63	7.61	7.47	7.48	7.66	7.69	7.51	7.48	7.41	7.74
7.40	7.32	7.63	7.43	7.58	7.43	7.43	7.52	7.44	7.54	7.53	7.71	7.60	7.49	7.51	7.56	7.64
7.67	7.28	7.42	7.57	7.71	7.51	7.58	7.48	7.51	7.41	7.41	7.93	7.54	7.69	7.49	7.51	7.71
7.52	7.67	7.52	7.48	7.81	7.43	7.63	7.51	7.69	7.48	7.51	7.90	7.50	7.51	7.58	7.48	7.60
7.80	7.65	7.34	7.29	7.98	7.25	7.53	7.41	7.44	7.53	7.47	7.99	7.65	7.61	7.49	7.59	7.81
7.63	7.86	7.70	7.69	7.61	7.41	7.48	7.54	7.57	7.41	7.58	7.83	7.32	7.57	7.54	7.61	7.56
7.45	7.78	7.61	7.63	7.43	7.53	7.51	7.49	7.62	7.64	7.41	7.71	7.52	7.64	7.58	7.58	7.48
7.50	8.00	7.52	7.54	7.59	7.51	7.48	7.58	7.53	7.58	7.49	7.93	7.41	7.60	7.56	7.63	7.61
7.48	7.34	7.49	7.69	7.49	7.48	7.41	7.41	7.41	7.51	7.59	8.70	7.52	7.58	7.57	7.81	7.69
7.53	7.12	7.53	7.28	7.57	7.58	7.53	7.53	7.49	7.48	7.58	8.41	7.64	7.51	7.60	7.73	7.58
7.52	7.79	7.35	7.43	7.46	7.51	7.47	7.59	7.52	7.57	7.50	8.03	7.58	7.64	7.59	7.79	7.60
7.63	7.24	7.48	7.54	7.52	7.68	7.58	7.42	7.61	7.43	7.54	8.23	7.56	7.51	7.47	7.68	7.70
7.43	7.77	7.41	7.71	7.46	7.48	7.52	7.58	7.57	7.51	7.43	8.85	7.60	7.44	7.50	7.60	7.84
7.21	7.18	7.54	7.59	7.85	7.62	7.41	7.41	7.42	7.49	7.51	8.71	7.32	7.59	7.48	7.57	7.80
7.47	7.26	7.48	7.54	7.57	7.48		7.53	7.51	7.58	7.44	8.23	7.48	7.54	7.59	7.61	7.64
7.53	7.73	7.67	7.43	7.43	7.57		7.42	7.49	7.54	7.57	7.98	7.59	7.73	7.64	7.59	7.57
7.63		7.56		7.59	7.61		7.57		7.41		7.84	7.60		7.61		7.69

Flow

A-06	S-06	O-06	N-06	D-06	J-07	F-07	M-07	A-07	M-07	J-07	J-07	A-07	S-07	O-07	N-07	D-07
0.035	0.053	0.044	0.051	0.053	0.054	0.039	0.042	0.051	0.046	0.055	0.039	0.129	0.053	0.030	0.038	0.027
0.030	0.060	0.067	0.048	0.049	0.063	0.040	0.054	0.073	0.039	0.048	0.055	0.045	0.021	0.016	0.025	0.058
0.049	0.061	0.038	0.044	0.061	0.046	0.041	0.050	0.071	0.046	0.062	0.035	0.069	0.050	0.072	0.022	0.028
0.042	0.069	0.034	0.045	0.049	0.051	0.047	0.072	0.042	0.049	0.060	0.031	0.057	0.036	0.047	0.029	0.025
0.049	0.071	0.042	0.058	0.049	0.056	0.035	0.040	0.064	0.038	0.067	0.060	0.064	0.064	0.039	0.025	0.045
0.049	0.053	0.106	0.054	0.045	0.053	0.020	0.046	0.069	0.046	0.067	0.059	0.070	0.040	0.045	0.025	0.042
0.040	0.041	0.050	0.057	0.047	0.073	0.017	0.045	0.058	0.056	0.077	0.045	0.058	0.051	0.049	0.021	0.027
0.051	0.048	0.042	0.058	0.032	0.068	0.033	0.036	0.031	0.066	0.088	0.044	0.039	0.042	0.047	0.023	0.024
0.050	0.040	0.037	0.061	0.068	0.061	0.031	0.048	0.060	0.062	0.052	0.043	0.054	0.050	0.043	0.034	0.030
0.056	0.036	0.049	0.037	0.021	0.079	0.018	0.052	0.012	0.052	0.053	0.054	0.051	0.040	0.031	0.047	0.026
0.052	0.044	0.051	0.035	0.049	0.044	0.037	0.043	0.071	0.051	0.066	0.035	0.082	0.026	0.035	0.023	0.030
0.053	0.050	0.045	0.070	0.068	0.038	0.056	0.047	0.046	0.043	0.059	0.028	0.075	0.031	0.035	0.051	0.031
0.034	0.037	0.047	0.058	0.053	0.051	0.059	0.045	0.044	0.061	0.053	0.058	0.063	0.053	0.036	0.039	0.018
0.046	0.045	0.055	0.046	0.051	0.039	0.053	0.041	0.046	0.061	0.041	0.047	0.053	0.045	0.030	0.045	0.022
0.052	0.056	0.054	0.047	0.049	0.083	0.052	0.052	0.085	0.067	0.056	0.005	0.042	0.050	0.039	0.042	0.022
0.073	0.037	0.055	0.075	0.044	0.056	0.031	0.089	0.061	0.054	0.065	0.067	0.032	0.032	0.014	0.035	0.042
0.051	0.075	0.065	0.049	0.061	0.041	0.054	0.064	0.036	0.053	0.057	0.063	0.050	0.036	0.018	0.020	0.037
0.041	0.053	0.052	0.061	0.045	0.038	0.036	0.019	0.031	0.047	0.055	0.039	0.047	0.048	0.038	0.028	0.033
0.068	0.067	0.039	0.046	0.057	0.037	0.047	0.049	0.027	0.045	0.042	0.053	0.028	0.039	0.039	0.025	0.014
0.050	0.038	0.039	0.056	0.045	0.051	0.063	0.048	0.043	0.091	0.043	0.061	0.098	0.040	0.044	0.031	0.016
0.044	0.046	0.040	0.044	0.038	0.050	0.063	0.056	0.045	0.049	0.028	0.057	0.056	0.031	0.048	0.039	0.015
0.045	0.055	0.034	0.066	0.053	0.048	0.056	0.055	0.039	0.050	0.037	0.042	0.036	0.037	0.068	0.022	0.021
0.046	0.056	0.041	0.030	0.047	0.043	0.069	0.051	0.058	0.075	0.045	0.044	0.023	0.026	0.040	0.021	0.032
0.049	0.051	0.064	0.036	0.046	0.059	0.052	0.045	0.067	0.047	0.042	0.038	0.055	0.035	0.043	0.014	0.032
0.056	0.052	0.048	0.039	0.034	0.042	0.058	0.049	0.058	0.035	0.052	0.067	0.047	0.026	0.038	0.007	0.021
0.054	0.054	0.047	0.035	0.053	0.043	0.063	0.027	0.035	0.041	0.040	0.036	0.049	0.041	0.071	0.031	0.019
0.045	0.044	0.054	0.042	0.051	0.040	0.040	0.057	0.041	0.041	0.050	0.069	0.035	0.030	0.047	0.023	0.041
0.056	0.045	0.058	0.053	0.065	0.042	0.042	0.048	0.042	0.034	0.036	0.076	0.041	0.032	0.033	0.025	0.036
0.042	0.043	0.034	0.046	0.051	0.052		0.057	0.052	0.057	0.048	0.072	0.020	0.027	0.024	0.032	0.041
0.047	0.035	0.050	0.054	0.048	0.033		0.058	0.040	0.053	0.054	0.079	0.023	0.028	0.046	0.028	0.032
0.052		0.043		0.040	0.039		0.065		0.042		0.006	0.031		0.033		0.039

2007	
min	0.005
max	0.129
avg	0.045

0.045

Flow

day	J-05	F-05	M-05	A-05	M-05	J-05	J-05	A-05	S-05	O-05	N-05	D-05	J-06	F-06	M-06	A-06	M-06	J-06	J-06
1	0.035	0.080	0.076	0.063	0.087	0.056	0.066	0.046	0.032	0.041	0.063	0.035	0.039	0.050	0.058	0.047	0.045	0.031	0.044
2	0.052	0.071	0.076	0.087	0.089	0.059	0.066	0.048	0.043	0.047	0.078	0.057	0.068	0.055	0.015	0.048	0.049	0.035	0.040
3	0.052	0.064	0.067	0.075	0.075	0.069	0.066	0.060	0.052	0.053	0.055	0.054	0.019	0.051	0.065	0.064	0.038	0.036	0.042
4	0.049	0.071	0.071	0.072	0.060	0.053	0.066	0.057	0.055	0.042	0.053	0.068	0.127	0.080	0.043	0.051	0.041	0.045	0.030
5	0.039	0.068	0.067	0.070	0.112	0.058	0.076	0.048	0.058	0.038	0.075	0.048	0.060	0.055	0.087	0.035	0.050	0.039	0.044
6	0.063	0.046	0.091	0.056	0.087	0.072	0.091	0.045	0.047	0.046	0.081	0.034	0.042	0.037	0.048	0.043	0.034	0.050	0.044
7	0.052	0.061	0.091	0.072	0.058	0.079	0.083	0.045	0.040	0.067	0.039	0.046	0.040	0.038	0.049	0.044	0.058	0.036	0.034
8	0.058	0.065	0.067	0.064	0.046	0.087	0.096	0.053	0.064	0.060	0.043	0.041	0.046	0.047	0.053	0.039	0.053	0.038	0.037
9	0.069	0.065	0.047	0.090	0.113	0.085	0.068	0.070	0.049	0.045	0.044	0.044	0.051	0.060	0.050	0.036	0.046	0.051	0.039
10	0.028	0.055	0.096	0.060	0.069	0.071	0.077	0.049	0.068	0.063	0.054	0.052	0.053	0.065	0.044	0.056	0.049	0.041	0.037
11	0.052	0.073	0.061	0.079	0.085	0.058	0.092	0.065	0.061	0.065	0.046	0.064	0.075	0.053	0.055	0.038	0.057	0.049	0.040
12	0.101	0.099	0.086	0.123	0.046	0.055	0.082	0.048	0.051	0.064	0.060	0.066	0.051	0.038	0.049	0.041	0.050	0.046	0.039
13	0.052	0.048	0.061	0.089	0.055	0.089	0.095	0.058	0.058	0.058	0.053	0.045	0.049	0.040	0.050	0.046	0.054	0.035	0.035
14	0.053	0.052	0.073	0.117	0.046	0.076	0.054	0.058	0.058	0.060	0.075	0.061	0.056	0.025	0.041	0.041	0.050	0.039	0.039
15	0.061	0.034	0.053	0.078	0.047	0.083	0.060	0.049	0.033	0.059	0.050	0.080	0.058	0.049	0.036	0.043	0.052	0.056	0.042
16	0.032	0.068	0.071	0.096	0.068	0.069	0.058	0.052	0.065	0.033	0.060	0.060	0.050	0.047	0.047	0.055	0.058	0.047	0.038
17	0.028	0.060	0.068	0.062	0.078	0.053	0.074	0.061	0.036	0.066	0.054	0.052	0.059	0.045	0.043	0.038	0.071	0.042	0.041
18	0.031	0.086	0.068	0.038	0.044	0.076	0.022	0.053	0.072	0.072	0.051	0.063	0.055	0.038	0.046	0.039	0.061	0.043	0.043
19	0.034	0.071	0.049	0.026	0.075	0.084	0.066	0.069	0.038	0.012	0.053	0.067	0.038	0.042	0.048	0.038	0.058	0.041	0.040
20	0.056	0.053	0.063	0.099	0.063	0.099	0.063	0.059	0.029	0.029	0.054	0.051	0.062	0.053	0.049	0.031	0.034	0.037	0.046
21	0.064	0.074	0.063	0.085	0.049	0.061	0.055	0.047	0.079	0.075	0.077	0.043	0.035	0.044	0.036	0.069	0.043	0.040	0.046
22	0.055	0.067	0.059	0.069	0.070	0.068	0.075	0.038	0.053	0.071	0.067	0.051	0.054	0.058	0.036	0.046	0.072	0.034	0.037
23	0.030	0.056	0.086	0.073	0.079	0.068	0.046	0.046	0.026	0.067	0.045	0.063	0.062	0.047	0.027	0.045	0.069	0.042	0.037
24	0.024	0.072	0.066	0.070	0.066	0.080	0.064	0.050	0.075	0.062	0.036	0.055	0.078	0.049	0.045	0.045	0.055	0.041	0.034
25	0.077	0.042	0.038	0.095	0.071	0.082	0.036	0.060	0.060	0.066	0.043	0.032	0.067	0.054	0.044	0.044	0.036	0.053	0.035
26	0.061	0.098	0.048	0.111	0.052	0.068	0.102	0.055	0.051	0.080	0.064	0.046	0.060	0.049	0.048	0.038	0.038	0.048	0.034
27	0.054	0.063	0.035	0.076	0.065	0.092	0.021	0.057	0.058	0.068	0.081	0.068	0.045	0.051	0.051	0.040	0.038	0.049	0.037
28	0.045	0.082	0.091	0.064	0.054	0.069	0.026	0.045	0.073	0.071	0.069	0.045	0.051	0.047	0.039	0.048	0.037	0.041	0.032
29	0.050		0.094	0.077	0.073	0.072	0.059	0.041	0.020	0.074	0.061	0.038	0.055		0.037	0.033	0.044	0.064	0.036
30	0.070		0.074	0.060	0.069	0.074	0.069	0.034	0.021	0.072	0.049	0.070	0.056		0.048	0.059	0.049	0.044	0.035
31	0.057		0.086		0.056		0.039	0.031		0.065		0.066	0.044		0.049		0.052		0.038

2005

min	0.012
max	0.123
avg	0.062

2006

min	0.015
max	0.127
avg	0.048

Primary Laboratories, Inc.

7423 Lee Davis Road • Mechanicsville, VA 23111 • Telephone (804) 559-9004 • Fax (804) 559-9306

ANALYTICAL LABORATORY REPORT

03-Jan-06

R. P. Finch, Inc.
Attn: Robert Finch
P.O. Box 340
Toana, Va. 23168

Date Received: 21-Dec-05
Date Sampled: 21-Dec-05
Work Order No: 0512132-01
Client ID: **MWSA Outfall 001 Grab**

Test Description	Final Result	Reporting Limit	Units of Measure	EPA Test Method	Date Analyzed	Tech. Initials
Fecal Coliform	<2.0	2.0	MPN/100ml	SM9221E	21-Dec-05 at 14:00	MS

Date Sampled: 21-Dec-05
Work Order No: 0512132-02
Client ID: **Sludge Press**

Test Description	Final Result	Reporting Limit	Units of Measure	EPA Test Method	Date Analyzed	Tech. Initials
Paint Filter	No Free Liquid	-	-	9095	29-Dec-05	MS
TCLP Metals						
Arsenic	<0.050	0.050	mg/L	3020/6010B	03-Jan-06	AB
Barium	0.112	0.020	mg/L	3020/6010B	03-Jan-06	AB
Cadmium	<0.010	0.010	mg/L	3020/6010B	03-Jan-06	AB
Chromium	<0.020	0.020	mg/L	3020/6010B	03-Jan-06	AB
Lead	<0.050	0.050	mg/L	3020/6010B	03-Jan-06	AB
Mercury	<0.002	0.002	mg/L	7470	29-Dec-05	AB
Selenium	0.081	0.050	mg/L	3020/6010B	03-Jan-06	AB
Silver	<0.020	0.020	mg/L	3020/6010B	03-Jan-06	AB

Signature: Parry L. Bragg Date: 1/4/06
Parry L. Bragg
Laboratory Manager

These analytical results are based upon materials provided by the client and are intended for the exclusive use of the client. These analytical results represent the best judgement of Primary Laboratories, Inc. Primary Laboratories, Inc. assumes no responsibility, express or implied, as to the interpretation of the analytical results contained in this report. This report is not to be reproduced except with the written approval of Primary Laboratories, Inc.

Microbac

CERTIFICATE OF ANALYSIS

April 02, 2007

LAB#: 0703184

CLIENT: R. P. Finch Inc
P.O. Box 340
Toano VA, 23168
Robert Finch

PROJECT: Montross Westmoreland Sewer Authority
PROJECT NO.:
SAMPLED BY: Robert Finch
RECEIVED: 03/07/07

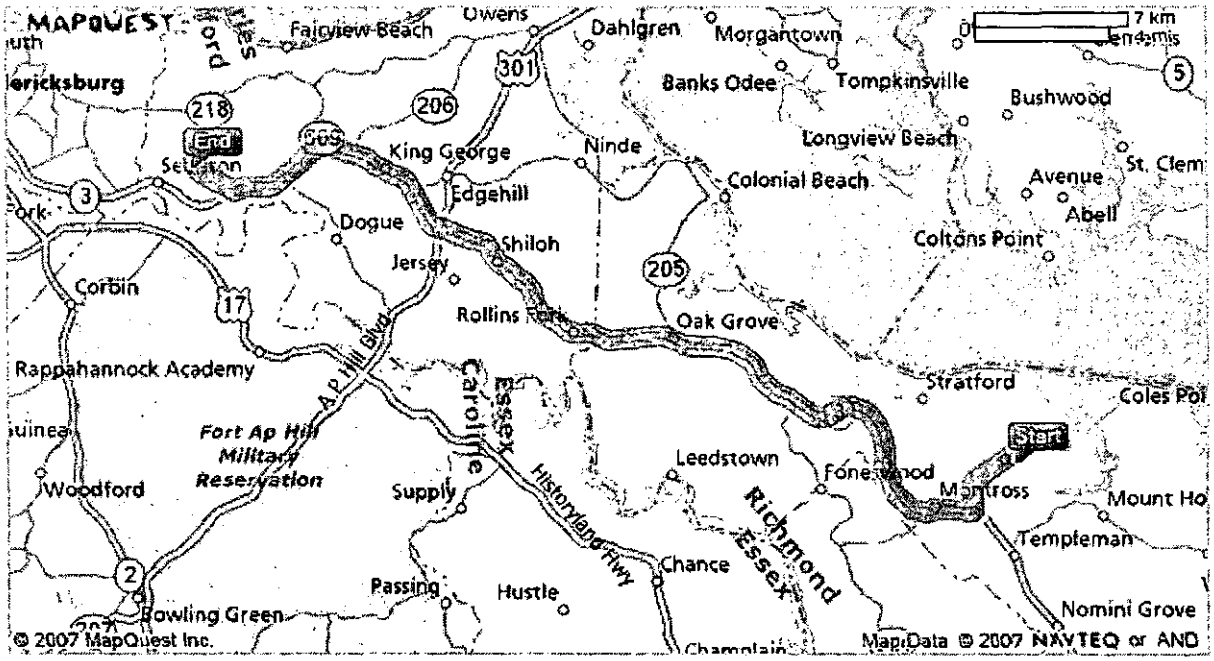
PARAMETER	PREP DATE/TIME	ANALYSIS DATE/TIME		METHOD	ANALYST
E. Coli (Quantitray 2000)	3/7/07 15:35	3/7/07 15:35		SM20/9223 B	KLC
SW846/1311	3/17/07 16:30	3/18/07 15:57		SW846/1311	AC
SW846/6010	3/19/07 7:20	3/19/07 15:57	3/20/07 8:25	SW846/6010	AC
SW846/7470A	3/19/07 10:05	3/20/07 8:25		SW846/7470A	AC
SW846/9095	3/27/07 9:00	3/27/07 9:00		SW846/9095	TMG

LAB #	0703184-01	0703184-02	-	-		
SAMPLE ID	Outfall 001	Sludge Press	-	-		
DATE/TIME	03/07/07	03/07/07	-	-	Quant	
MATRIX	Water	Other byWt	-	-	Limit:	Units
Microbiology (Water)						
E. Coli	<1	-	-	-	1	CFU/100 mL
Microbac Merrillville (Other byWt)						
TCLP ExtNV	-	**Extracted**	-	-		[blank]
Arsenic	-	<0.01	-	-	0.01	mg/L
Barium	-	<0.5	-	-	0.5	mg/L
Cadmium	-	<0.002	-	-	0.002	mg/L
Chromium	-	<0.003	-	-	0.003	mg/L
Lead	-	<0.0075	-	-	0.0075	mg/L
Selenium	-	<0.03	-	-	0.03	mg/L
Silver	-	<0.01	-	-	0.01	mg/L
Mercury	-	<0.001	-	-	0.001	mg/L
Paint Filter Free Liquids Test	-	**No Free Liquids**	-	-		[blank]

Audrey Brubeck
Technical Manager

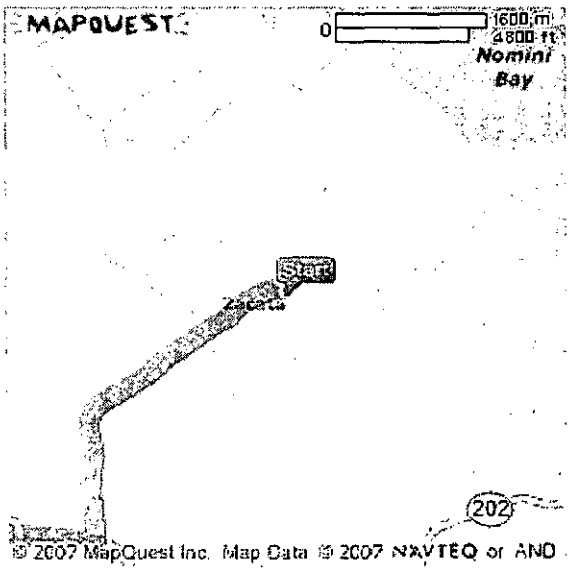
3015 DUMBARTON ROAD • RICHMOND, VA 23228
TELEPHONE (804) 264-2701 • FAX (804) 264-1202 • www.microbac.com
elab: www.fandr.com/e-lab/

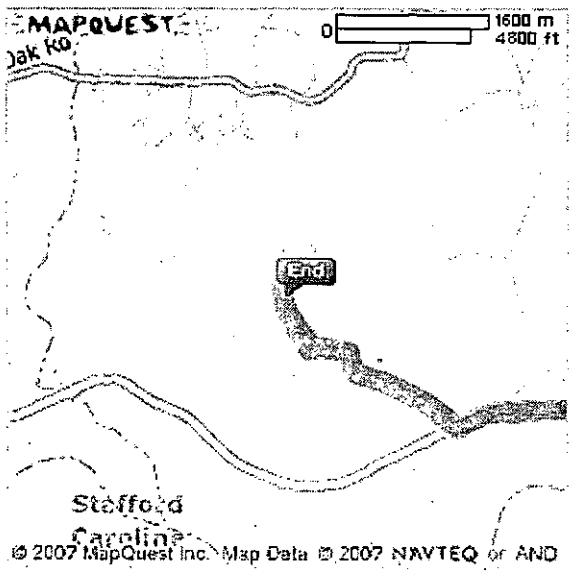
CERTIFICATIONS: VIRGINIA DRINKING WATER - 00150
NORTH CAROLINA DENR - 432
SOUTH CAROLINA DHEC - 93010001 & 93010
MARYLAND DRINKING WATER - 279



Start:
Montross, VA 22520, US

End:
[10156-10499] Bullock Dr
King George, VA 22485, US





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and local laws, ordinances, orders, rules and regulations; and (b) it will use disposal facilities that have been issued permits, licenses, certificates or approvals required by valid and applicable laws, ordinances and regulations necessary to allow the facility to accept, treat and/or dispose of Industrial Waste. Except as provided herein, Company makes no other warranties and hereby disclaims any other warranty, whether implied or statutory.

7. LIMITED LICENSE TO ENTER. When a Customer is transporting Industrial Waste to a Company facility, Customer and its subcontractors shall have a limited license to enter a disposal facility for the sole purpose of offloading Industrial Waste at an area designated, and in the manner directed, by Company. Customer shall, and shall ensure that its subcontractors, comply with all rules and regulations of the facility, as amended. Company may reject Industrial Waste, deny Customer or its subcontractors entry to its facility and/or terminate this Agreement in the event of Customer's or its subcontractors' failure to follow such rules and regulations.

8. CHARGES AND PAYMENTS. Customer shall pay the rates set forth on Exhibit A or a Confirmation Letter, which may be modified as provided in this Agreement. The rates may be adjusted by Company to account for: any increase in disposal or fuel costs; any change in the composition of the Industrial Waste; increased costs due to uncontrollable circumstances, including, without limitation, changes in local, state or federal laws or regulations, imposition of taxes, fees or surcharges and acts of God such as floods, fires, etc. Company may also increase the charges to reflect increases in the Consumer Price Index for the municipal or regional area in which the Services are rendered. Increases in charges for reasons other than as provided above require the consent of Customer which may be evidenced verbally, in writing or by the actions and practices of the parties. All rate adjustments as provided above and in Paragraph 5 shall take effect upon notification from Company to Customer. Customer shall pay the rates in full within 30 days of receipt of each invoice from Company. Customer shall pay a late fee on all past due amounts accruing from the date of the invoice at a rate of eighteen percent (18%) per annum or, if less, the maximum rate allowed by law.

9. INDEMNIFICATION. The Company agrees to indemnify, defend and save Customer harmless from and against any and all liability (including reasonable attorneys fees) which Customer may be responsible for or pay out as a result of bodily injuries (including death), property damage, or any violation or alleged violation of law, to the extent caused by Company's breach of this Agreement or by any negligent act, negligent omission or willful misconduct of the Company or its employees, which occurs (1) during the collection or transportation of Customer's Industrial Waste by Company, or (2) as a result of the disposal of Customer's Industrial Waste, after the date of this Agreement, in a facility owned by a subsidiary or affiliate of Waste Management, Inc., provided that the Company's indemnification obligations will not apply to occurrences involving Nonconforming Waste.

Customer agrees to indemnify, defend and save the Company harmless from and against any and all liability (including reasonable attorneys fees) which the Company may be responsible for or pay out as a result of bodily injuries (including death), property damage, or any violation or alleged violation of law to the extent caused by Customer's breach of this Agreement or by any negligent act, negligent omission or willful misconduct of the Customer or its employees, agents or contractors in the performance of this Agreement or Customer's use, operation or possession of any equipment furnished by the Company.

Neither party shall be liable to the other for consequential, incidental or punitive damages arising out of the performance of this Agreement.

10. UNCONTROLLABLE CIRCUMSTANCES. Except for the obligation to make payments hereunder, neither party shall be in default for its failure to perform or delay in performance caused by events beyond its reasonable control, including, but not limited to, strikes, riots, imposition of laws or governmental orders, fires, acts of God, and inability to obtain equipment, permit changes and regulations, restrictions (including land use) therein, and the affected party shall be excused from performance during the occurrence of such events.

11. ASSIGNMENT. This Agreement shall be binding on and shall inure to the benefit of the parties and their respective successors and assigns.

12. ENTIRE AGREEMENT. This Agreement represents the entire understanding and agreement between the parties relating to the management of waste and supersedes any and all prior agreements, whether written or oral, between the parties regarding the same; provided that, the terms of any national service agreement between the parties shall govern over any inconsistent terms herein.

13. TERMINATION; LIQUIDATED DAMAGES. Company may immediately terminate this Agreement, (a) in the event of Customer's breach of any term or provision of this Agreement, including failure to pay on a timely basis or (b) if Customer becomes insolvent, the subject of an order for relief in bankruptcy, receivership, reorganization dissolution, or similar law, or makes an assignment for the benefit of its creditors or if Company deems itself insecure as to payment ("Default"). Notice of termination shall be in writing and deemed given when delivered in person or by certified mail, postage prepaid, return receipt requested. In the event Customer terminates this Agreement prior to the expiration of any Initial or Renewal Term for any reason other than as provided herein, or in the event Company terminates this Agreement for Customer's Default, liquidated damages in addition to the Company's legal fees shall be paid and calculated as follows: 1) if the remaining Initial Term under this Agreement is six or more months, Customer shall pay its most recent monthly charges multiplied by six; 2) if the remaining Initial Term under this Agreement is less than six months, Customer shall pay its most recent monthly charges multiplied by the number of months remaining in the Term; 3) if the remaining Renewal Term under this Agreement is three or more months, Customer shall pay its most recent monthly charges multiplied by three; or 4) if the remaining Renewal Term under this Agreement is less than three months, Customer shall pay its most recent monthly charges multiplied by the number of months remaining in the Renewal Term. Customer acknowledges that the actual damage to Company in the event of termination is difficult to fix or prove, and the foregoing liquidated damages amount is reasonable and commensurate with the anticipated loss to Company resulting from such termination and is an agreed upon fee and is not imposed as a penalty. Collection of liquidated damages by Company shall be in addition to any rights or remedies available to Company under this Agreement or at common law.

14. MISCELLANEOUS. (a) The prevailing party will be entitled to recover reasonable fees and court costs, including attorneys' fees, in interpreting or enforcing this Agreement. In the event Customer fails to pay Company all amounts due hereunder, Company will be entitled to collect all reasonable collection costs or expenses, including reasonable attorneys fees, court costs or handling fees for returned checks from Customer; (b) The validity, interpretation and performance of this Agreement shall be construed in accordance with the law of the state in which the Services are performed; (c) If any provision of this Agreement is declared invalid or unenforceable, then such provision shall be deemed severable from and shall not affect the remainder of this Agreement, which shall remain in full force and effect; (d) Customer's payment obligation for Services and the Warranties and Indemnification made by each party shall survive termination of this Agreement.

Agreed & Accepted

COMPANY

Signed: _____

CUSTOMER

Signed: _____

INDUSTRIAL WASTE & DISPOSAL SERVICES AGREEMENT

WASTE MANAGEMENT

COMPANY: King George Landfill, Inc.

By: _____

Name: _____

Title: _____

CUSTOMER: R.P. Finch, Inc.

By: _____
Authorized Signature (signature also required on second page)

Name: Robert P. Finch 2/28/06
Date

Title: President

2/27/06

Initial Term: 36 months

This Industrial Waste & Disposal Services Agreement, consisting of the terms and conditions set forth herein, and Exhibit A, and/or Confirmation Letter(s) and the Profile Sheet(s) entered into from and after the date hereof from time to time (all of the foregoing being collectively referred to as the "Agreement"), is made as of the Effective Date shown above by and between the Customer named above, on its and its subsidiaries and affiliates behalf (collectively, "Customer") and the Waste Management entity named above ("the Company").

TERMS AND CONDITIONS

1. SERVICES PROVIDED. The Company will provide Customer with collection, management, transportation, disposal, treatment, and recycling services ("Services") for Customer's non-hazardous solid waste, special waste, and/or hazardous waste (collectively "Industrial Waste") as described on Exhibit A and/or Confirmation Letter(s) and/or applicable Profile Sheets. **Solid Waste** means garbage, refuse and rubbish including those which are recyclable but excluding Special Waste and Hazardous Waste. **Special Waste** includes polychlorinated biphenyl ("PCB") wastes, industrial process wastes, asbestos containing material, petroleum contaminated soils, treated/decharacterized wastes, incinerator ash, medical wastes, demolition debris and other materials requiring special handling in accordance with applicable federal, state, provincial or local laws or regulations. **Hazardous Waste** means any toxic or radioactive substances, as such terms are defined by applicable federal, state, provincial or local laws or regulations. All Industrial Waste that is generated, handled and/or collected by Customer shall be managed exclusively by Company during the term of this Agreement. When Company handles special or hazardous waste for Customer, Customer will provide Company with a Generator's Waste Profile Sheet ("Profile Sheet") describing all special or hazardous waste, and provide a representative sample of such waste on request. In the event this Agreement includes transportation by Company, Customer shall, at the time of tender, provide to Company accurate and complete documents, shipping papers or manifests as are required for the lawful transfer of the special or hazardous waste under all applicable federal, state or local laws or regulations. Tender of delivery shall be considered nonconforming if not in accordance with this Paragraph.

2. CUSTOMER WARRANTIES. Customer hereby represents and warrants that all waste material delivered by Customer to Company shall be in accordance with waste descriptions given in this Agreement and shall not be or contain any Nonconforming Waste. "Nonconforming Waste" means: (a) non-hazardous Solid Waste that contains regulated Special Waste or Hazardous Waste; (b) waste that is not in conformance with the description of the waste in Exhibit A, the Confirmation Letter(s) or the Profile Sheet incorporated herein; (c) waste that is or contains any infectious waste, radioactive, volatile, corrosive, flammable, explosive, biomedical, biohazardous material, regulated medical or hazardous waste or toxic substances, as defined pursuant to or listed or regulated under applicable federal, state or local law, except as stated on the Profile Sheet or Confirmation Letter; or (d) waste that is prohibited from being received, managed or disposed of at the designated disposal facility by federal, state or local law, regulation, rule, code, ordinance, order, permit or permit condition. Customer (including its subcontractors) represents and warrants that it will comply with all applicable laws, ordinances, regulations, orders, permits or other legal requirements applicable to the Industrial Waste.

3. TERM OF AGREEMENT; RIGHT OF FIRST REFUSAL. The Initial Term of this Agreement shall be **36 months**, commencing on the Effective Date set forth above. This Agreement shall automatically renew thereafter for additional terms of twelve (12) months each ("Renewal Term") unless either party gives to the other party written notice of termination at least ninety (90) days prior to the termination of the then-existing term; provided however, that the terms and conditions of this Agreement shall remain in full force and effect, in accordance with its terms, with respect to any uncompleted or unfinished Service provided for in an Exhibit A, Confirmation Letter and/or Profile Sheet until such Service is completed. Customer grants to Company a right of first refusal to match any offer which Customer receives or intends to make after the completion of any Term of this Agreement relating to any services provided hereunder and further agrees to give Company prompt written notice of any such offer and a reasonable opportunity to respond to it.

4. INSPECTION; REJECTION OF WASTE. Title to and liability for Nonconforming Waste shall remain with Customer at all times. Company shall have the right to inspect, analyze or test any waste delivered by Customer. If Customer's Industrial Waste is Nonconforming Waste, Company can, at its option, reject Nonconforming Waste and return it to Customer or require Customer to remove and dispose of the Nonconforming Waste at Customer's expense. Customer shall indemnify, hold harmless (in accordance with Section 9) and pay or reimburse Company for any and all costs, damages and/or fines incurred as a result of or relating to Customer's tender or delivery of Nonconforming Waste or other failure to comply or conform to this Agreement, including costs of inspection, testing and analysis.

5. SPECIAL HANDLING; TITLE. If Company elects to handle, rather than reject, Nonconforming Waste, Company shall have the right to manage the same in the manner deemed most appropriate by Company given the characteristics of the Nonconforming Waste. Company may assess and Customer shall pay additional fees associated with delivery of Nonconforming Waste, including, but not limited to, special handling or disposal charges, and costs associated with different quantities of waste, different delivery dates, modifications in operations, specialized equipment, and other operational, environmental, health, safety or regulatory requirements. Title to and ownership of acceptable Industrial Waste shall transfer to Company upon its final acceptance of such waste.

6. COMPANY WARRANTIES. Company hereby represents and warrants that: (a) Company will manage the Industrial Waste in a safe and workmanlike manner in full compliance with all valid and applicable federal, state

INDUSTRIAL WASTE & DISPOSAL SERVICES AGREEMENT

Exhibit A

WM Profile #	5349
CWM Profile #	

CUSTOMER BILLING ADDRESS	CUSTOMER CONTRACTING ADDRESS (If different from Billing Address)	CUSTOMER SERVICE LOCATION (If different from Billing Address)
R.P. Finch, Inc.		Montross-Westmoreland Sewer Authority
P.O. Box 340		160 Lyells Street
Toano, VA 23168		Montross, VA 22520
Contact: Robert Finch	**Contact:**	**Contact:** Robert Finch
Contact Phone: 757-566-8022	**Contact Phone:**	**Contact Phone:** Same
Contact Fax: 757-566-8030	**Contact Fax:**	**Contact Fax:**

WM Customer Service Phone:	804-966-8708	**WM Contact:**	Pam Pfeiffer	**WM Contact Phone:**	804-966-8708

Service Information				
Generator:	Montross-Westmoreland Sewer Authority			
Ground Transporter:	N/A			
Rail Transporter:	N/A			
General Contractor:	N/A			
Disposal Cost:	$32.00 Per Ton (One Ton Minimum Load)			
Profile Fee:	N/A			
Additional Cost: (describe)	A Fuel Surcharge Will Apply			
Additional Cost: (describe)	N/A			
Taxes:	N/A			
Transportation Fee:	N/A			
Containers provided by WM:	**Quantity:**	**Size:**	**Quantity:**	**Size:**
Pick-up Frequency:				
Contract Expiration Date:				
Additional Information:	**Approximately 500 Tons Per Year of Dewatered Sludge for Disposal at King George Landfill, King George, VA** **LD** **PERMANENT**			
Salesperson Code: 40 TF	**State 2 Digit Code: VA**	**Waste CAT: X BA EV**	**Waste Type: ☐MD X SP ☐ID ☐HZ**	

THE WORK CONTEMPLATED BY THIS EXHIBIT A IS TO BE DONE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE INDUSTRIAL WASTE & DISPOSAL SERVICES AGREEMENT BETWEEN THE PARTIES DATED: 2/27/06

COMPANY
By: _____ Date
Name: Dean Lyle
Title: District Manager

CUSTOMER
By: _____ 2/28/06
Name: Robert P. Finch
Title: President
Date

© Waste Management, Inc. (rev. 2/2003)

VPDES Permit Application Addendum

1. **Entity to whom the permit is to be issued:** Montross-Westmoreland Sewer Authority
Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or may not be the facility or property owner.

2. **Is this facility located within city or town boundaries?** Y / (N)

3. **Provide the tax map parcel number for the land where the discharge is located.** 33-27

4. **For the facility to be covered by this permit, how many acres will be disturbed during the next fine years due to new construction activities?** None

5. **What is the design average effluent flow of this facility?** 130,000 gpd ~~MGD~~
For industrial facilities, provide the max. 30-day average production level, include units:

In addition to the design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels? Y / (N)
If "Yes", please identify the other flow tiers (in MGD) or production levels:

Please consider the following questions for both the flow tiers and the production levels (if applicable): Do you plan to expand operations during the next five years? Is your facility's design flow considerably greater than your current flow?

6. **Nature of operations generating wastewater:**

67 % of flow from domestic connections/sources
Number of private residences to be served by the treatment works:

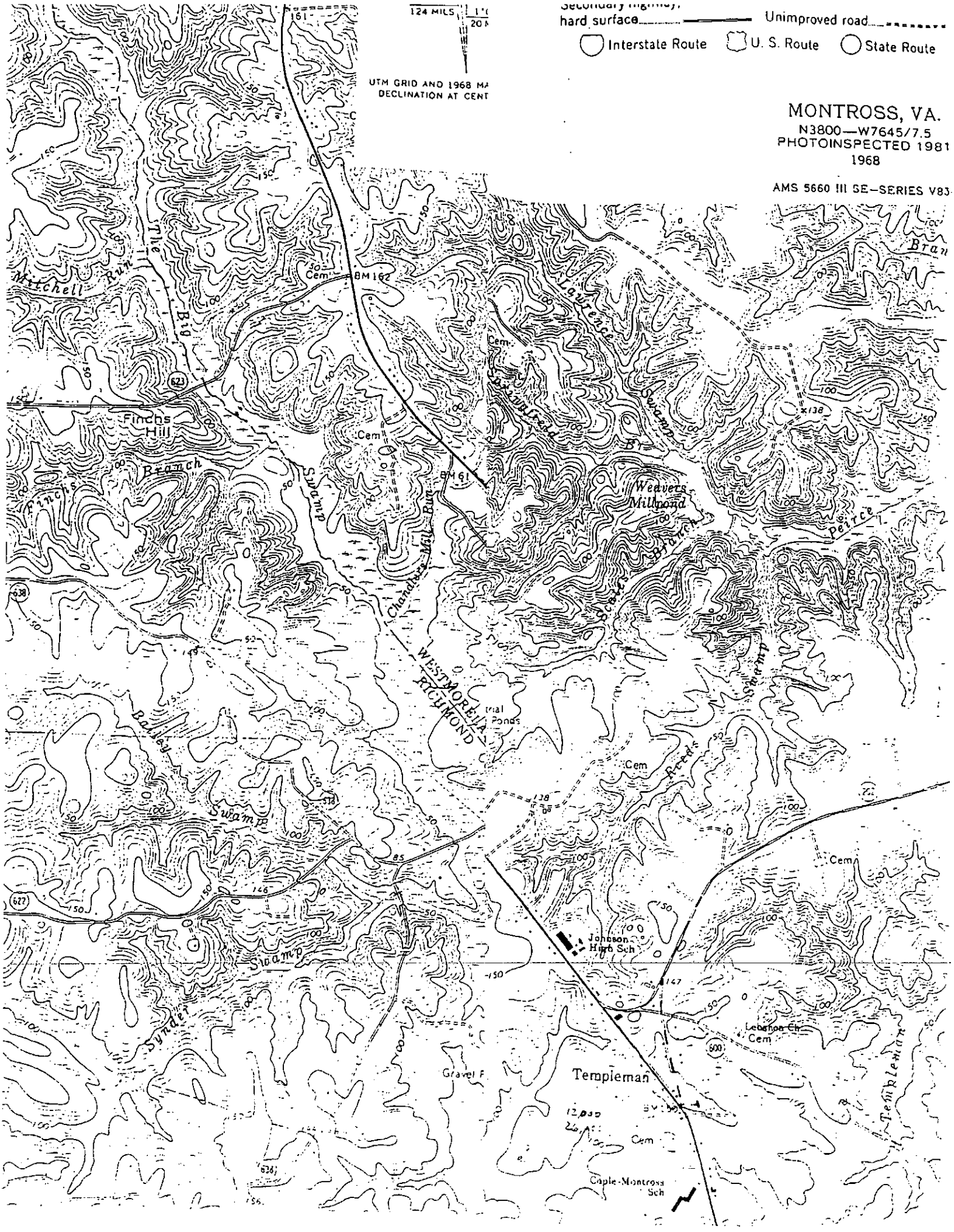
33 % of flow from non-domestic connections/sources

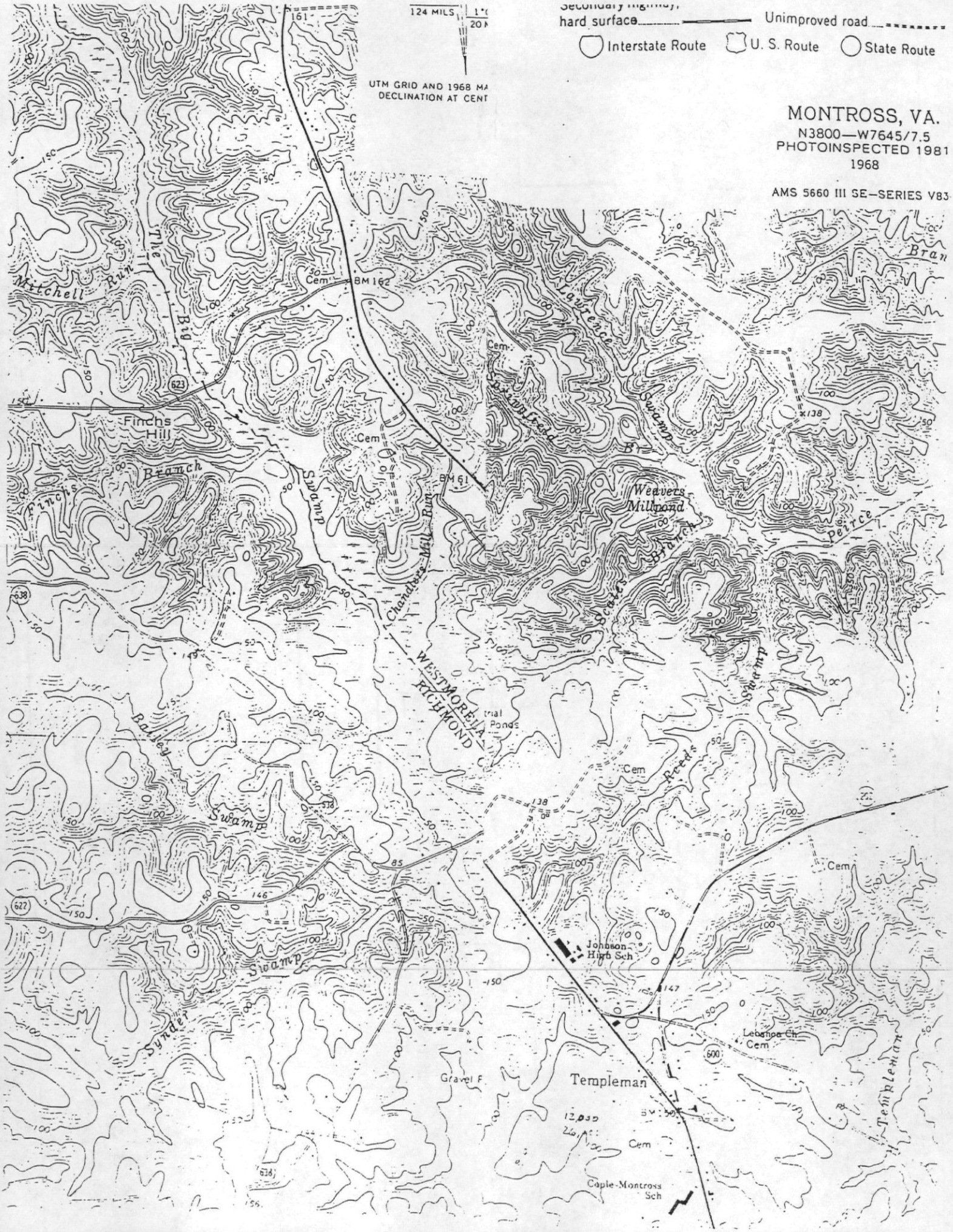
7. **Mode of discharge:** ____Continuous X Intermittent ____Seasonal
Describe frequency and duration of intermittent or seasonal discharges:

8. **Identify the characteristics of the receiving stream at the point just above the facility's discharge point:**
X Permanent stream, never dry
__ Intermittent stream, usually flowing, sometimes dry
__ Ephemeral stream, wet-weather flow, often dry
__ Effluent-dependent stream, usually or always dry without effluent flow
__ Lake or pond at or below the discharge point
__ Other:

9. **Approval Date(s):**
O & M Manual May 5, 2000 **Sludge/Solids Management Plan** May 5, 2000

Have there been any changes in your operations or procedures since the above approval dates? Y / (N)
January 31, 2001 Staffing requirements reduced to one eight hour shift per day


124 MILS
UTM GRID AND 1968 MA
DECLINATION AT CENT
hard surface
Unimproved road
Interstate Route
U. S. Route
State Route
MONTROSS, VA.
N3800—W7645/7.5
PHOTOINSPECTED 1981
1968
AMS 5660 III SE—SERIES V83
Mitchell Run
Big Branch
Finchs Hill
Finchs Branch
Swamp
Chandlers Mill Run
Lawrence Swamp
Weavers Millpond
Peirce Branch
Reeds Swamp
WESTMORELAND
RICHMOND
Bailey Swamp
Snyder Swamp
Johnson High Sch
Lebanon Ch Cem
Templeman
Gravel P
Caple-Montross Sch
Cem
BM 162
BM 161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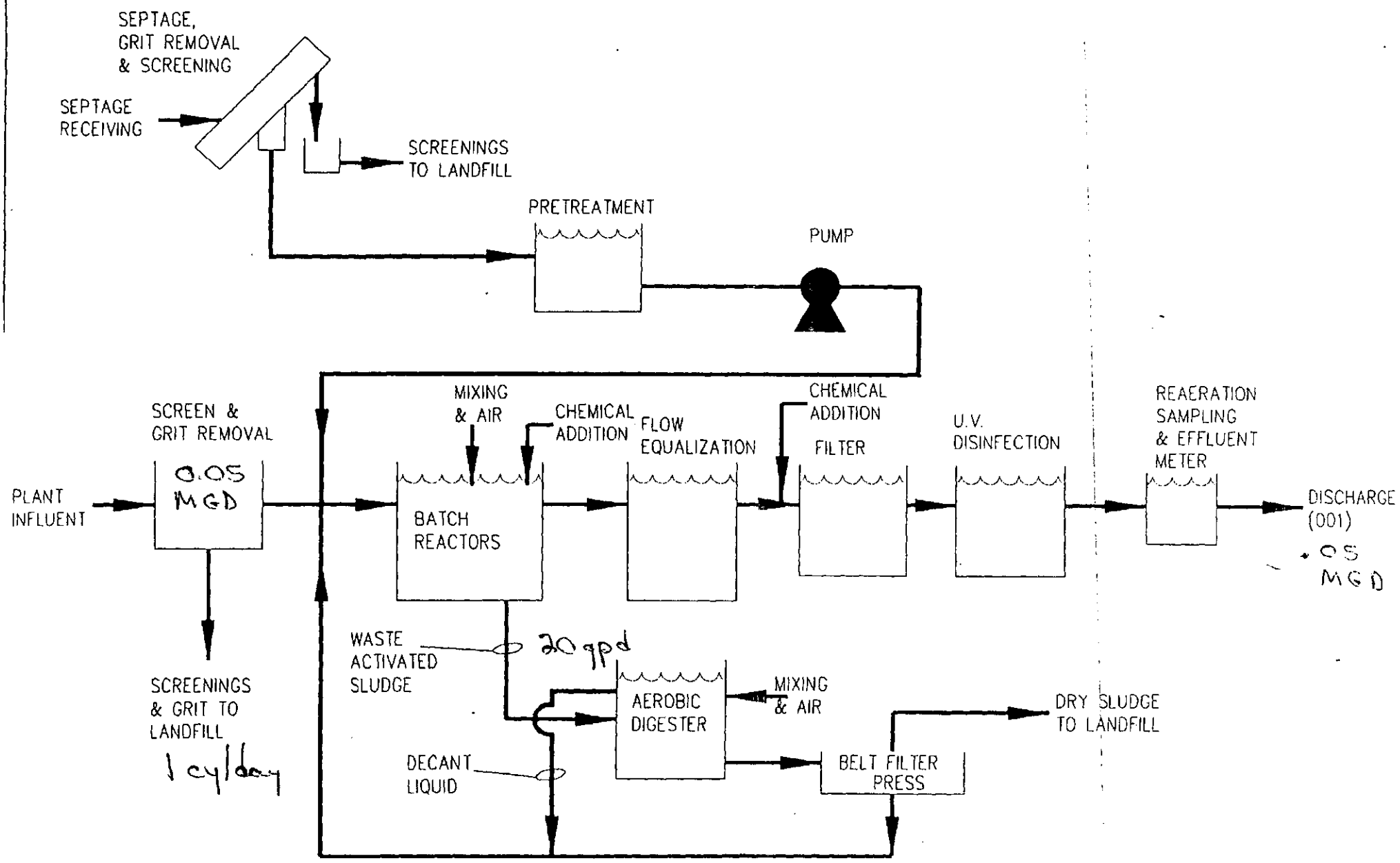
Scears Branch
Swamp
Peirce
Reeds
Johnson High Sch
Lebanon Ch Cem
Templeman
Gravel P
Cople-Montross Sch
Cem
BM 162
BM 61



MONTROSS - WESTMORELAND
WASTEWATER TREATMENT PLANT