112234

ORIGINAL (Red)

State of Maryland

OFFICE OF ENVIRONMENTAL PROGRAMS
DEPARTMENT OF HEALTH AND MENTAL HYGIENE

201 WEST PRESTON STREET • BALTIMORE, MARYLAND 21201 • AREA CODE 301 • 383x 225-5647

TTY FOR DEAF: Balto. Area 383-7555
D.C. Metro 565-0451

Adele Wilzack, R.N., M.S., Secretary

William M. Eichbaum, Assistant Secretary

September 9, 1985

Mr. Ed Skernolis, Chief
Site Investigation & Support Section
Environmental Protection Agency
841 Chestnut Building
Philadelphia, PA 19107

Dear Mr. Skernolis:

Enclosed is the Keystone Area Monitoring System Fact Sheet summarizing the third round of samples collected from the Maryland monitoring system and copies of the sample sheets from the 19 sampling points.

If you have any questions, please contact Mr. John W. Koontz, Administrator, Enforcement Program, at 301/225-5700.

Sincerely,

Ronald Nelson, Director
Waste Management Administration

RN:js

Enclosure

cc: Mr. John W. Koontz

AR100924

KEYSTONE AREA MONITORING SYSTEM
SAMPLING ROUND III - FACT SHEET
MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE
WASTE MANAGEMENT ADMINISTRATION

SEPTEMBER 1985

BACKGROUND

The Maryland monitoring wells were pumped the first week in July. On July 10, 1985 the majority of the monitoring system (monitoring wells, surface waters and residences) were sampled. As a result of the slow rate of recharge the three deep wells could not be sampled until the latter part of July, 1985. A brief summary of the results follows.

DATA

I. Maryland monitoring system-volatile organic compounds (VOCs)

A. Monitoring Wells

Trace amounts of methylene chloride (2 parts per billion) and tetrachloroethene (4 parts per billion) were detected in monitoring wells 1 and 2, respectively. Tetrahydrofuran a constituent of PVC glue continues to decline in well 1.

Several other VOCs detected in trace amounts in the earlier sampling rounds were not detected.

B. Residential Wells

One part per billion of total xylenes were detected in residential well 4. No VOCs were detected in the other five residential wells.

C. Surface Waters

VOC samples were collected from the four surface points. No VOCs were detected.

II. Maryland Monitoring System - Inorganic And Physical Parameters

A. Monitoring Wells

Well #1 - The turbidity and total dissolved solids in this well are elevated compared to sample round #2. This may be the result of the very slow rate of recharge to the well. Subsequently, the lab analyses measures metals adsorbed on the soil particles as well as those in solution. Thus, as in earlier samples with elevated turbidity, elevated levels of metals are detected.

Wells 2-9 - Most parameters in these wells appear to be stabilizing. Generally, fluctuations are less severe between sampling rounds 2 and 3 than rounds 1 and 2.

B. Residential Wells

No anomalies observed in the residential wells.

C. Surface Waters

S-1 - Elevated turbidity in comparison with previous samples. This resulted in elevated levels of other parameters.

S-2,3 and 4 - No anomalies observed in these stream sampling points.

SUMMARY

The three deep Maryland wells (250') continue to have extremely low rates of recharge. At this time there is an absence of evidence that Maryland ground or surface waters are degraded by the Keystone landfill.

The Waste Management Administration will continue to sample the Maryland monitoring system. The next sample round will be conducted in October, 1985.

ORIGINAL (Red)

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: M.D. W1 Name: Keystone County: Garrett

Source of Sample: _____ Street Ulel Town or City Collector: Beeler

Sample Type (Circle): Community Source | Non-Community Distribution | Private MCL | Emergency Recheck | Routine

Remarks: SLO

Copy's to be sent to Donald Nelson Only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		W11	072285	M		

Field Data: pH* _____ Chlorine Residual: Free _____ Total _____ Specific Conductance _____

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	11.8	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	79.9	✓	Barium	262	0.7
	Alkalinity (HCO_3)	050		✓	Cadmium	273	0.003
	Alkalinity (CO_3)	060		✓	Chromium T	283	0.02
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	0.06
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.00005
✓	Hardness	110	22	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	1.5		Aluminum	192	
✓	Nitrite N	173	0.450	✓	Calcium	231	7.10
	MBAS	182		✓	Copper	241	0.08
✓	Chloride	091	11.	✓	Iron	122	1.72
	Fluoride	101		✓	Magnesium	241	<1.00
	Color*	020		✓	Manganese	133	<0.01
✓	Turbidity*	031	279.		Nickel	391	
✓	Conductance*, SPEC.	201	33400	✓	Potassium	361	361.
	Silica	210		✓	Sodium	371	167.0
✓	Sulfate	220	311.0	✓	Zinc	342	0.03
✓	Total Residue DISS	381	1236.	✓	C.O.D.		49.
				✓	TKN		0.9

* Results reported in units, all others in milligrams per liter (ppm)

Bruce L. Solnick, Ph.D.

Date Received JUL 23 1985 Date Reported AUG 15 1985 Chemist _____

000823

AR100927

DHMH 30-A 7-84 50M

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: MD-W-2 Name: Keystone County: Garrett

Source of Sample: Well (Street / Town or City) Collector: Bedum

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Copy's to Resent & Forward Results Only

County: | Plant No.: | Sampling Station: W2 | Date Collected: 071085 | Time: M | Acid | Iced

Field Data: pH* | Chlorine Residual: Free | Total | Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.8	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	52.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	0.003
	Alkalinity (CO_3)	060		✓	Chromium -T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	23.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	3.5		Aluminum	192	
✓	Nitrite N	173	0.003	✓	Calcium	231	16
	MBAS	182		✓	Copper	241	0.39
✓	Chloride	091	9.	✓	Iron	122	0.24
	Fluoride	101		✓	Magnesium	241	4.4
	Color*	020		✓	Manganese	133	0.02
✓	Turbidity*	031	25.		Nickel	391	
✓	Conductance*, SPEC.	201	144.	✓	Potassium	361	<1.
	Silica	210		✓	Sodium	371	7.0
✓	Sulfate	220	3.2	✓	Zinc	342	1.31
✓	Total Residue DISS	381	88.	✓	C.O.D		<10.
				✓	TKN		<0.2

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 1 1985 Date Reported: Chemist: Lab No.:

AR 000928

DHMH 90-A (7/84)

ORIGINAL (Red)

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: MD-W-3 Name: Keystone County: Carroll

Source of Sample: Well
Street Town or City

Collector: Bellen

Sample Type (Circle): ~~Community~~ Source ~~Non-Community~~ Distribution ~~Private~~ MCX Emergency Recheck Routine

Remarks: Copy's to Chesapeake & Donald Nelson Only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		W3	07/08/85	M		

Field Data: pH* ____ Chlorine Residual: Free ____ Total ____ Specific Conductance ____

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.3	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	18.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	0.003
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	58.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	9.4		Aluminum	192	
✓	Nitrite N	173	0.006	✓	Calcium	231	10.
	MBAS	182		✓	Copper	241	0.01
✓	Chloride	091	12.	✓	Iron	122	0.12
	Fluoride	101		✓	Magnesium	241	8.5
	Color*	020		✓	Manganese	133	0.02
✓	Turbidity*	031	10.		Nickel	391	
✓	Conductance*, SPEC.	201	157.	✓	Potassium	361	1.5
	Silica	210		✓	Sodium	371	4.5
✓	Sulfate	220	4.	✓	Zinc	342	0.09
✓	Total Residue Diss	381	120.	✓	C.O.D		<10.
				✓	TKN		0.2

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 11 1985 Date Reported ____ Chemist Bruce L. Smith

AR 10 Dec 29

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

WMA only

Bottle Number: MD-D-W4 Name: Keystone County: Carroll

Source of Sample: Well (Street / Town or City) Collector: Beelman

Sample Type (Circle): Community Source | Non-Community Distribution | Private MCL | Emergency Recheck | Routine

Remarks: Copy is to be sent to Ronald Nelson One Week # 1 Dry run sample 7/5

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		W4	07/15/85	M		

Field Data: pH* ____ Chlorine Residual: Free ____ Total ____ Specific Conductance ____

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	8.4	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	83.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium — T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	59.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	<0.2		Aluminum	192	
✓	Nitrite N	173	0.009	✓	Calcium	231	18.
	MBAS	182		✓	Copper	241	0.01
✓	Chloride	091	7.	✓	Iron	122	0.33
	Fluoride	101		✓	Magnesium	241	3.1
	Color*	020		✓	Manganese	133	<0.01
✓	Turbidity*	031	29.		Nickel	391	
✓	Conductance*, SPEC.	201	175.	✓	Potassium	361	12.9
	Silica	210		✓	Sodium	371	11.4
✓	Sulfate	220	17.6	✓	Zinc	342	0.05
✓	Total Residue DISS	381	124.	✓	C.O.D		<10.
				✓	T.KN		<0.2

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 17 1985 Date Reported 1985 Chemist Y.T. Lin Sotsick, Ph.D. Lab No. AR 00930670

ORIGINAL (Red)

WMA DWS

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: M.D.W.-5 Name: Keystone County: Garrett

Source of Sample: Well (Street / Town or City) Collector: Bellum

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Copy's to be sent to Konrad Kelsen Only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		WS	07/08/5	M		

Field Data: pH* ; Chlorine Residual: Free ; Total ; Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	7.5	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	47.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	0.003
	Alkalinity (CO_3)	060		✓	Chromium —T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.00005
✓	Hardness	110	50.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	0.7		Aluminum	192	
✓	Nitrite N	173	0.060	✓	Calcium	231	18.
	MBAS	182		✓	Copper	241	<0.01
✓	Chloride	091	6.	✓	Iron	122	0.67
	Fluoride	101		✓	Magnesium	241	2.3
	Color*	020		✓	Manganese	133	0.02
✓	Turbidity*	031	144.		Nickel	391	
✓	Conductance*, SPEC.	201	163.	✓	Potassium	361	6.8
	Silica	210		✓	Sodium	371	13.2
✓	Sulfate	220	29.1	✓	Zinc	342	0.04
✓	Total Residue DISS	381	106.	✓	C.O.D		<10.
				✓	TKN		0.3

* Results reported in units, all others in milligrams per liter (ppm)

Date Received _____ Date Reported _____ Chemist _____ Plant No. _____

AR10093F

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: MD-W-6 Name: Keystone West County: Carroll

Source of Sample: _____ Street _____ Town or City Collector: Bellum

Sample Type (Circle): Community Source, Non-Community Distribution, Private MCL, Emergency Recheck, Routine

Remarks: Carey's Brewerd & Donald Nelson Only!

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		W6	07/08/85	M		

Field Data: pH* _____ Chlorine Residual: Free _____ Total _____ Specific Conductance _____

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.4	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	24.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	0.002
	Alkalinity (CO_3)	060		✓	Chromium —T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	41.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	0.4		Silver	333	
✓	Nitrate-Nitrite N	162	3.7		Aluminum	192	
✓	Nitrite N	173	0.042	✓	Calcium	231	8.
	MBAS	182		✓	Copper	241	<0.01
✓	Chloride	091	8.	✓	Iron	122	1.61
	Fluoride	101		✓	Magnesium	241	4.0
	Color*	020		✓	Manganese	133	0.11
✓	Turbidity*	031	142.		Nickel	391	
✓	Conductance*, SPEC.	201	120.	✓	Potassium	361	1.2
	Silica	210		✓	Sodium	371	10.8
✓	Sulfate	220	20.3	✓	Zinc	342	0.04
✓	Total Residue Diss	381	190.	✓	C.O.D		<10.
				✓	TKN		0.3

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 10 1985 Date Reported _____ Chemist _____ Lab No 000350

AR100932

DHMH 90-A (7/84)

ORIGINAL (Red)

WMA ONLY

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: M.D.W-7 Name: Keystone County: Garrett

Source of Sample: Well (Street / Town or City) Collector: Bellum

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Boggy's tube sent to Kenneth Nelson only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		W7	07/17/85	M		

Field Data: pH* ; Chlorine Residual: Free ; Total ; Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	9.2	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	81.	✓	Barium	262	0.24
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium -T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.00005
✓	Hardness	110	14.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	<0.2		Aluminum	192	
✓	Nitrite N	173	0.017	✓	Calcium	231	10.
	MBAS	182		✓	Copper	241	0.48
✓	Chloride	091	2.	✓	Iron	122	0.18
	Fluoride	101		✓	Magnesium	241	1.8
	Color*	020		✓	Manganese	133	<0.01
✓	Turbidity*	031	30.		Nickel	391	
✓	Conductance*, SPEC.	201	176.	✓	Potassium	361	24.0
	Silica	210		✓	Sodium	371	19.3
✓	Sulfate	220	145	✓	Zinc	342	0.68
✓	Total Residue D.55	381	126.	✓	C.O.D		<10.
				✓	T.KN		<0.2

* Results reported in units, all others in milligrams per liter (ppm)

Date Received 1985 Date Reported 1985 Chemist [illegible] Lab No. AR 0993669

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: M.D. W-8 Name: Kaylion County: Prince

Source of Sample: Street Wace Town or City Collector: Bellamy

Sample Type (Circle): Community Source / Non-Community Distribution / Private MDL / Emergency Recheck / Routine

Remarks: Copy's to be sent to Ronald Nelson Only!

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		W8	07/10/85	M		

Field Data: pH* | Chlorine Residual: Free | Total | Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.3	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	13.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	34.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	5.7		Aluminum	192	
✓	Nitrite N	173	0.010	✓	Calcium	231	9.
	MBAS	182		✓	Copper	241	<0.01
✓	Chloride	091	8.	✓	Iron	122	0.27
	Fluoride	101		✓	Magnesium	241	2.9
	Color*	020		✓	Manganese	133	0.02
✓	Turbidity*	031	25.		Nickel	391	
✓	Conductance*, SPEC.	201	113.	✓	Potassium	361	<1.
	Silica	210		✓	Sodium	371	6.9
✓	Sulfate	220	5.1	✓	Zinc	342	0.03
✓	Total Residue Diss	381	94.	✓	C.O.D		<10.
				✓	T.KN		0.4

* Results reported in units, all others in milligrams per liter (ppm)

Date Received _____ Date Reported _____ Chemist Bruce L. S[illegible]

AR100934 000381

ORIGINAL

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: MD-W-9 Name: Keystone County: Carroll

Source of Sample: Well (Street / Town or City) Collector: Pellman

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Copy's to be sent to Ronald Nelson Only!

County | Plant No. | Sampling Station: W9 | Date Collected: 07/10/85 | Time: M | Acid | Iced

Field Data: pH* | Chlorine Residual: Free / Total | Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.1	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	10.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium - T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	0.0005
✓	Hardness	110	40.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	6.4		Aluminum	192	
✓	Nitrite N	173	0.011	✓	Calcium	231	9.
	MBAS	182		✓	Copper	241	<0.01
✓	Chloride	091	9.	✓	Iron	122	0.13
	Fluoride	101		✓	Magnesium	241	4.4
	Color*	020		✓	Manganese	133	0.01
✓	Turbidity*	031	39.		Nickel	391	
✓	Conductance*, SPEC.	201	118.	✓	Potassium	361	1.3
	Silica	210		✓	Sodium	371	5.7
✓	Sulfate	220	6.7	✓	Zinc	342	0.02
✓	Total Residue DISS	381	88.	✓	C.O.D		<1.0
				✓	TKN		0.3

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 10 1985 Date Reported _____ Chemist _____ Lab No. AR100935

000382

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: MB-S-1 Name: Keystone County: Carroll

Source of Sample: Street Stream Town or City Collector: Bellman

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Copy to be sent to Kamal Kaul only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		S1	07 10 85	M		

Field Data: pH* ___ Chlorine Residual: Free ___ Total ___ Specific Conductance ___

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.8	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	73.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	0.001
	Alkalinity (CO_3)	060		✓	Chromium — T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.00005
✓	Hardness	110	68.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	<0.2		Aluminum	192	
✓	Nitrite N	173	0.005	✓	Calcium	231	17.
	MBAS	182		✓	Copper	241	0.010
✓	Chloride	091	6.	✓	Iron	122	14.57
	Fluoride	101		✓	Magnesium	241	4.9
	Color*	020		✓	Manganese	133	3.7
✓	Turbidity*	031	83.		Nickel	391	
✓	Conductance*, SPEC.	201	158.	✓	Potassium	361	4.
	Silica	210		✓	Sodium	371	5.8
✓	Sulfate	220	12	✓	Zinc	342	0.18
✓	Total Residue D.SS	381	104.	✓	C.O.D		13.
				✓	T.KN		1.9

* Results reported in units, all others in milligrams per liter (ppm) Bruce T.

Date Received ___ Date Reported JUL 31 1985 Chemist ___ Lab No. 100383

AR100936

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: M.D. S-2 Name: Keyston County: Garrett

Source of Sample: _____ Street _____ Town or City Collector: Bellanti

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Copy's to be sent to Ronald Nelson Only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		S2	07/08/85	M		

Field Data: pH* _____ Chlorine Residual: Free _____ Total _____ Specific Conductance _____

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.3	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	10.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	0.0005
✓	Hardness	110	35.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	5.7		Aluminum	192	
✓	Nitrite N	173	0.007	✓	Calcium	231	6.
	MBAS	182		✓	Copper	241	<0.01
✓	Chloride	091	8.	✓	Iron	122	0.27
	Fluoride	101		✓	Magnesium	241	3.4
	Color*	020		✓	Manganese	133	0.37
✓	Turbidity*	031	5.5		Nickel	391	
✓	Conductance*, SPEC.	201	98.	✓	Potassium	361	1.0
	Silica	210		✓	Sodium	371	4.9
✓	Sulfate	220	25	✓	Zinc	342	0.04
✓	Total Residue Diss	381	82.	✓	C.O.D		<10.
				✓	TKN		0.35

* Results reported in units, all others in milligrams per liter (ppm)

Date Received _____ Date Reported _____ Chemist _____ Lab No. AR1009372A

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: Zal.R-S-3 Name: Keystone County: Clarion

Source of Sample: Shean (Street / Town or City) Collector: Bellem

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Copy's to be sent to Kenneth Nelson Only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		S3	071085	M		

Field Data: pH* ; Chlorine Residual: Free ; Total ; Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	7.0	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	45	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.01
	Alkalinity (CO_3)	060		✓	Chromium - T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
✓	~~Alkalinity, Ca CO_3 SAT~~	080		✓	Mercury	314	<0.0005
✓	Hardness	110	62	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	3.0		Aluminum	192	
✓	Nitrite N	173	0.015	✓	Calcium	231	17
	MBAS	182		✓	Copper	241	<0.01
✓	Chloride	091	11	✓	Iron	122	0.09
	Fluoride	101		✓	Magnesium	241	4.6
	Color*	020		✓	Manganese	133	0.07
✓	Turbidity*	031	9.4	✓	~~Nickel~~	391	
✓	Conductance*, SPEC.	201	143	✓	Potassium	361	1.6
	Silica	210		✓	Sodium	371	4.5
✓	Sulfate	220	43	✓	Zinc	342	0.04
✓	Total Residue Diss	381	98	✓	C.O.D		<10.
				✓	TKN		0.6

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 10 1985 Date Reported JUL 31 1985 Chemist Lab No. AR100838

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

REPORT OF WATER ANALYSIS

Bottle Number: M.D. 5-4 Name: Keystone County: Carroll

Source of Sample: Bond Collector: Bellum

Street Town or City

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: Copy's to be sent to Donald Nelson Only

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
		54	071085	M		

Field Data: pH* ; Chlorine Residual: Free ; Total ; Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	7.0	✓	Arsenic	253	<0.011
✓	Alkalinity (Total)	040	28.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060			Chromium -T	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.00005
✓	Hardness	110	65.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	4.1		Aluminum	192	
✓	Nitrite N	173	0.055	✓	Calcium	231	12.
	MBAS	182		✓	Copper	241	<0.01
✓	Chloride	091	26.	✓	Iron	122	<0.05
	Fluoride	101		✓	Magnesium	241	7.1
	Color*	020		✓	Manganese	133	0.02
✓	Turbidity*	031	59		Nickel	391	
✓	Conductance*, SPEC.	201	170.	✓	Potassium	361	1.7
	Silica	210		✓	Sodium	371	7.7
✓	Sulfate	220	7.2	✓	Zinc	342	0.01
✓	Total Residue Diss	381	125.	✓	C.O.D.		18.
				✓	T.KN		1.05

* Results reported in units, all others in milligrams per liter (ppm) Bruce L. Solomon M.D.

Date Received _____ Date Reported JUL 31 1985 Chemist _____ Lab No. [illegible]

DHMH 90-A (7/84)

AR100939 50M

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DIRECTOR-WMA
WMA-ENFORCEMENT

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: MD-R-1-1 / MD-R-1-2 Name: MATTHIAS RESIDENCE County: CARROLL

Source of Sample: 601 MATTHIAS ROAD (Street) LITTLESTOWN, PA. 17340 (Town or City) Collector: R. DEMARCO

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: KEYSTONE LANDFILL SURVEY. SAMPLE FROM SPIGOT AT PRESSURE TANK.

County: | Plant No.: | Sampling Station: | Date Collected: 071785 | Time: 01PM | Acid: | Iced: X

Field Data: pH*: | Chlorine Residual: Free: | Total: | Specific Conductance:

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.1	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	6.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	66.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	13.8	✓	Aluminum	192	<1.
✓	Nitrite N	173	0.005	✓	Calcium	231	8.
	MBAS	182		✓	Copper	241	0.03
	Chloride	091		✓	Iron	122	<0.05
	Fluoride	101		✓	Magnesium	241	8.9
	Color*	020		✓	Manganese	133	<0.01
✓	Turbidity*	031	<0.5	✓	Nickel	391	<0.01
✓	Conductance*, SPEC.	201	174.	✓	Potassium	361	3.1
	Silica	210		✓	Sodium	371	6.8
✓	Sulfate	220	23	✓	Zinc	342	0.07
✓	Total Residue DISS.	381	174.	✓	C.O.D.		<10.

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 18 1985 Date Reported AUG 6 1985 Chemist [illegible] Lab No. AR 106940 / 046683

Frederick J. Sorbeck, Ph.D.

HMH 90-A (9/80) 50M

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STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

WMA-ENFORCEMENT

Bottle Number: MD-R-2-1 / MD-R-2-2 Name: CRAWFORD RESIDENCE County: CARROLL

Source of Sample: 1278 HUMBERT SCHOOLHOUSE ROAD (Street) WEST, MD. (Town or City) Collector: R. DEMARCO

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: KEYSTONE LANDFILL SURVEY. SAMPLE COLLECTED FROM SPIGOT IN REAR OF HOUSE (OUTSIDE)

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
			07/17/85	12P M		X

Field Data: pH* ___ Chlorine Residual: Free ___ Total ___ Specific Conductance ___

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	7.1	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	44.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	79.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	7.5		Aluminum	192	
	Nitrite N	173		✓	Calcium	231	25.
	MBAS	182		✓	Copper	241	0.01
✓	Chloride	091	19.	✓	Iron	122	0.07
	Fluoride	101		✓	Magnesium	241	3.5
	Color*	020		✓	Manganese	133	<0.01
✓	Turbidity*	031	<0.5	✓	Nickel	391	<0.01
✓	Conductance*, SPEC.	201	187.	✓	Potassium	361	<1.
	Silica	210		✓	Sodium	371	7.7
✓	Sulfate	220	8.9	✓	Zinc	342	0.05
✓	Total Residue DISS.	381	174.	✓	COD		<10.

* Results reported in units, all others in milligrams per liter (ppm).

Date Received JUL 18 1985 Date Reported ___ Chemist Janice L. Sonnie, M.D. Lab No. AR 00061

DHMH 00-4 (9/80)

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DIRECTOR - WMA
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STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

WMA-ENFORCEMENT

Bottle Number: MD-R-3-1 / MD-R-3-2 Name: EDDY RESIDENCE County: CARROLL

Source of Sample: 1142 HUMBERT SCHOOLHOUSE ROAD (Street) WEST, MD (Town or City) Collector: R. DeMARCO

Sample Type (Circle): Community Source / Non-Community Distribution / Private MCL / Emergency Recheck / Routine

Remarks: KEYSTONE LANDFILL SURVEY. SAMPLE COLLECTED FROM PRESSURE TANK IN BASEMENT

County: | Plant No.: | Sampling Station: | Date Collected: 071785 | Time: 12PM | Acid: ☐ | Iced: ☒

Field Data: pH*: | Chlorine Residual: Free: | Total: | Specific Conductance:

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.3	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	20	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	0.17
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	17	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	3.6		Aluminum	192	
✓	Nitrite N	173	0.005	✓	Calcium	231	9
	MBAS	182		✓	Copper	241	0.07
✓	Chloride	091	14	✓	Iron	122	<0.05
	Fluoride	101		✓	Magnesium	241	3.0
	Color*	020		✓	Manganese	133	<0.01
✓	Turbidity*	031	<0.5	✓	Nickel	391	<0.01
✓	Conductance*, SPEC.	201	97	✓	Potassium	361	1.6
	Silica	210		✓	Sodium	371	5.4
✓	Sulfate	220	<1	✓	Zinc	342	0.05
✓	Total Residue DISS.	381	78	✓	C.O.D.		<10

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 1 8 1985 Date Reported 6 1985 Chemist Francis L. Solnick, Ph.D. Lab No. AR 1009625

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STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

WMA - ENFORCEMENT

Bottle Number: MD-R-4-1 / MD-R-4-2 Name: GILBERT RESIDENCE County: CARROLL

Source of Sample: 1144 HUMBERT SCHOOLHOUSE ROAD (Street) WEST, MD. (Town or City) Collector: R. DeMARCO

Sample Type (Circle): ~~Community Source~~ ~~Non-Community Distribution~~ (Private) MCL Emergency (Recheck) Routine

Remarks: KEYSTONE LANDFILL SURVEY. SAMPLE COLLECTED FROM BATHROOM SINK.

County: | Plant No.: | Sampling Station: | Date Collected: 071785 | Time: 12 PM | Acid: ☐ | Iced: ☒

Field Data: pH*: | Chlorine Residual: Free: | Total: | Specific Conductance:

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.9	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	20.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	44.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	7.0		Aluminum	192	
✓	Nitrite N	173	0.004	✓	Calcium	231	13
	MBAS	182		✓	Copper	241	0.03
✓	Chloride	091	6.	✓	Iron	122	<0.05
	Fluoride	101		✓	Magnesium	241	4.1
	Color*	020		✓	Manganese	133	0.01
✓	Turbidity*	031	<0.5	✓	Nickel	391	0.01
✓	Conductance*, SPEC.	201	116.	✓	Potassium	361	<1.
	Silica	210		✓	Sodium	371	4.6
✓	Sulfate	220	3.3	✓	Zinc	342	0.04
✓	Total Residue DISS.	381	124.	✓	C.O.D.		<10.

* Results reported in units, all others in milligrams per liter (ppm).

Date Received JUL 18 1995 Date Reported 6 Chemist Lorraine L. Sorbier, M.D. Lab No. 000686

DHMH 90-A (9/80) AR00543

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STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: MD-R-5-1 / MD-R-5-2 Name: CONAWAY RESIDENCE County: CARROLL

Source of Sample: 5149 BIEMILLER ROAD (Street) WESTMINSTER, MD (Town or City). Collector: R. DeMARCO

Sample Type (Circle): Community ~~Source~~ Non-Community ~~Distribution~~ (Private) MCL Emergency (Recheck) Routine

Remarks: KEYSTONE LANDFILL SURVEY, SAMPLE COLLECTED FROM OUTSIDE REAR SPIGOT.

County: | Plant No.: | Sampling Station: | Date Collected: 07 17 85 | Time: 6 / P M | Acid: | Iced: X

Field Data: pH*: | Chlorine Residual Free: | Total: | Specific Conductance:

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	7.6	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	62.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	57.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	1.7		Aluminum	192	
✓	Nitrite N	173	0.004	✓	Calcium	231	20.
	MBAS	182		✓	Copper	241	0.02
	Chloride	091		✓	Iron	122	<0.05
✓	Fluoride	101	<0.20	✓	Magnesium	241	20
	Color*	020		✓	Manganese	133	<0.01
✓	Turbidity*	031	<0.5	✓	Nickel	391	0.02
✓	Conductance*, SPEC.	201	135.	✓	Potassium	361	<1.
	Silica	210		✓	Sodium	371	6.1
✓	Sulfate	220	2.6	✓	Zinc	342	0.05
✓	Total Residue DISS.	381	96.	✓	C.O.D.		<10.

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 15 1985 Date Reported 8 Chemist ✓ Lab No. AR 100944 1111587

50M

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STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

WMA-ENFORCEMENT

Bottle Number: MD-R-6-1 / MD-R-6-2 Name: (HOLLOW CORP.) BUTLER RESIDENCE County: CARROLL

Source of Sample: 1226 HUMBERT SCHOOLHOUSE RD. (Street) WEST. (Town or City), MD. Collector: R. DEMARCO

Sample Type (Circle): Community Source / Non-Community Distribution / (Private) MCL / Emergency / (Recheck) / Routine

Remarks: KEYSTONE LANDFILL SURVEY. SAMPLE FROM SPIGOT AT PRESSURE TANK. NOTE: RENTERS MOVED - WELL NOT USED. INITIAL RUNOFF VERY TURBID.

County	Plant No.	Sampling Station	Date Collected	Time	Acid	Iced
			071785	01 PM		X

Field Data: pH* | Chlorine Residual: Free | Total | Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
✓	pH*	011	6.7	✓	Arsenic	253	<0.01
✓	Alkalinity (Total)	040	18.	✓	Barium	262	<0.1
	Alkalinity (HCO_3)	050		✓	Cadmium	273	<0.001
	Alkalinity (CO_3)	060		✓	Chromium	283	<0.01
	pH*, Ca CO_3 SAT.	071		✓	Lead	302	<0.01
	Alkalinity, Ca CO_3 SAT	080		✓	Mercury	314	<0.0005
✓	Hardness	110	54.	✓	Selenium	323	<0.01
✓	Ammonia-N	143	<0.2		Silver	333	
✓	Nitrate-Nitrite N	162	8.5		Aluminum	192	
✓	Nitrite N	173	0.004	✓	Calcium	231	13.
	MBAS	182		✓	Copper	241	0.02
✓	Chloride	091	10.	✓	Iron	122	0.71
	Fluoride	101		✓	Magnesium	241	4.1
	Color*	020		✓	Manganese	133	0.05
✓	Turbidity*	031	1.8	✓	Nickel	391	0.01
✓	Conductance*, SPEC.	201	138.	✓	Potassium	361	2.3
	Silica	210		✓	Sodium	371	4.7
✓	Sulfate	220	4.7	✓	Zinc	342	0.14
✓	Total Residue DISS.	381	156.	✓	C.O.D.		<10.

RECEIVED AUG 8 1985 ENFORCEMENT FILE FILE COPY ONLY

* Results reported in units, all others in milligrams per liter (ppm)

Date Received JUL 18 1985 Date Reported 8 1985 Chemist L. Sorlock, B.S. Lab No. AR100545 000688

FOM

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER M.D.W-7

Carroll
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Bellum

SAMPLE TYPE: ✓ DISTRIBUTION ____ SOURCE ____ OTHER (specify) ____

Community ____ noncommunity ____ private ____

Landfill observation well ✓ stream ____ tidal waters ____

Industrial effluent ____ STP sampling station ____ STP effluent ____

Chlorinated ____ preserved with thiosulfate ____

Reason for submitting sample: Trihalomethane Survey ____

Suspected Industrial Chemical Contamination ____

Suspected Petroleum (gasoline, etc.) Contamination ____

Other (specify) ____

REMARKS: Copy's to be sent to Donald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
			W1	0 7 2 2 8 5	
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO.

FIELD pH (20 21 22) ____ FIELD RESID. CHLORINE: FREE (23 24) ____ TOTAL (25 26) ____

Purgeable Halocarbons (EPA 501)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride	2	2-Chloroethylvinylether		Tetrahydrofuran	20
Trichlorofluoromethane	<1	Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 2 3 1985 DATE REPORTED AUG 6 1985 CHEMIST Vail LAB. NO. 000286

AR100946

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-D-W-2

Carroll
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Bellum

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well _____ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to be sent to Ronald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO.	SAMPLING STATION	DATE COLLECTED	CARD NO.
			W2	07 10 85	

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 501)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene	.4	Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene	4.		
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micograms per liter (parts per billion)

RECEIVED JUL 10 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB NO. 00011

AR160947

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-D-10-3

Carroll
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Beckner

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well ✓ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to be sent to Ronald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO.
			W3	0 7 1 0 8 5	

20 21 22	23 24	25 26
FIELD pH	FIELD RESID. CHLORINE: FREE	TOTAL

Purgeable Halocarbons (EPA 501)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 10 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] ART 00-548 NO 000118

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-WH

Carroll
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Bellum

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well ✓ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to Present & Ronald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO.
			W4	07 17 85	

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 501)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 17 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB. NO. 000190

AR100549

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER M-P-W-5

Somerset
Name of County

SOURCE OF SAMPLE Kaylore COLLECTOR Bellum

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well ✓ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to be sent to Ronald Nelson Only

1	2 2	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO.	SAMPLING STATION	DATE COLLECTED	CARD NO.
			W5	07 10 85	

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 501)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micograms per liter (parts per billion)

DATE RECEIVED JUL 10 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB NO. 00011

AR100550

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER M-D-W-6

Cecil
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Bellum

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well ✓ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to be sent to Ronald Nelson Only

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							4	0	6		0	7	1	0	8	5		
TRANS TYPE	COUNTY		PLANT NO.				SAMPLING STATION				DATE COLLECTED						CARD NO.	

20	21	22	23	24	25	26
FIELD pH			FIELD RESID. CHLORINE: FREE		TOTAL	

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
Dichloropropane	✓				

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 10 1985 DATE REPORTED AUG 6 1985 CHEMIST Will LAB NO. 000120

AR100951

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD. 107

Carroll
Name of County

SOURCE OF SAMPLE Keysline COLLECTOR Bellman

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well ✓ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Samples to be sent to Donald Nelson and Robert Day in Sampler's Box

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
			W 7	0 7 1 7 8 5	
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:**			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 17 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB NO. 000191

DHMH 742 2/85

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-W-8

Garrett
Name of County

SOURCE OF SAMPLE Keyston COLLECTOR Gellum

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well ✓ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to be sent to Ronald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO.	SAMPLING STATION	DATE COLLECTED	CARD NO.
			W8	071085	

FIELD pH 20 21 22 _____ FIELD RESID. CHLORINE: FREE 23 24 _____ TOTAL 25 26 _____

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
2-Dichloroethane		Other Purgeable Organics:			
1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 10 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB. NO. 000121

AR100553

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER M.D. W-9

Garrett
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Beelum

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well ✓ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with bisulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to be sent to Donald Nelson Only

1	2 2	4 3 5 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO.	SAMPLING STATION	DATE COLLECTED	CARD NO.
			W9	07 10 85	

FIELD pH 20 21 22 FIELD RESID. CHLORINE: FREE 23 24 TOTAL 25 26

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 10 1985 DATE REPORTED AUG. 6 1985 CHEMIST [illegible] LAB NO. 000122

AR100954

Rev A-S-A-P-

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER M-D-S-1

Carroll
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Bellus

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well _____ stream ✓ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy to Donald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
			S 1	0 8 2 2 8 5	
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO

FIELD pH _____ FIELD RESID CHLORINE: FREE _____ TOTAL _____

D+T/GC/FID

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (~~EPA 602~~)	
Chloromethane	<1.	trans-1,3-Dichloropropene	<1.	Benzene	<1.
Bromomethane		Trichloroethene		Toluene	<1.
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	<1.
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether	<5.	Tetrahydrofuran	
Trichlorofluoromethane		Bromoform	<1.	Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:** NONE FOUND			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane	✓				

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED AUG 2 1 1985 DATE REPORTED AUG 2 8 1985 CHEMIST [illegible] LAB NO. 000676

DHMH 749 3/85 2M

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MI-D-S-2

Carroll
Name of County

SOURCE OF SAMPLE Keyston COLLECTOR Beelus

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well _____ stream ✓ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy to be sent to Ronald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO.	SAMPLING STATION	DATE COLLECTED	CARD NO.
			52	071085	

20 21 22	23 24	25 26
FIELD pH	FIELD RESID. CHLORINE: FREE	TOTAL

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micograms per liter (parts per billion)

DATE RECEIVED JUL 10 1985 DATE REPORTED AUG 6 1985 CHEMIST L. Cullen

AR 100556

(1111)23

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER M.D. S-3

Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Beckum

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well _____ stream ✓ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Tetrachloethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline etc.) Contamination _____

Other (specify) _____

REMARKS: Copy to be sent to Donald Nelson Only

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO.
			53	071085	

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 501)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 10 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB NO. 000124

AR100957

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Ken: A.S.A.P.

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER M.D-S-4

Carroll
Name of County

SOURCE OF SAMPLE Keystone COLLECTOR Bellini

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private _____

Landfill observation well _____ stream ✓ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination _____

Suspected Petroleum (gasoline, etc.) Contamination _____

Other (specify) _____

REMARKS: Copy's to Ronald Nelson Dept

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
			54	0 8 2 2 8 5	
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO

FIELD pH (20 21 22) _____ FIELD RESID CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

P+T/GC/FID

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (~~EPA 602~~)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	↓
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene	✓		
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:** NONE FOUND			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane	✓				

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED Aug 9 1985 DATE REPORTED AUG 28 1985 CHEMIST [illegible]

DHMH 749 3/85 2M

ORIGINAL

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W.M.A. - DIRECTOR

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-R-1-1
MD-R-1-2

WMA - ENFORCEMENT
CARROLL
Name of County

SOURCE OF SAMPLE MATTHIAS RESIDENCE COLLECTOR R. DEMARCO

SAMPLE TYPE: DISTRIBUTION ____ SOURCE ____ OTHER (specify) ____

Community ____ noncommunity ____ private X

Landfill observation well ____ stream ____ tidal waters ____

Industrial effluent ____ STP sampling station ____ STP effluent ____

Chlorinated ____ preserved with thiosulfate ____

Reason for submitting sample: Trihalomethane Survey ____

Suspected Industrial Chemical Contamination X

Suspected Petroleum (gasoline, etc.) Contamination X

Other (specify) ____

REMARKS: KEYSTONE LANDFILL SURVEY.

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED 07 17 85	CARD NO

FIELD pH (20 21 22) ____ FIELD RESID. CHLORINE: FREE (23 24) ____ TOTAL (25 26) ____

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:**			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED ~~JUL 17 1985~~ DATE REPORTED AUG 6 1985 CHEMIST [signature] LAB. NO. 000201

DHMH 749 3/85

AR100959

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WMA-DIRECTOR

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-R-2-1 MD-R-2-2

WMA-ENFORCEMENT CARROLL
Name of County

SOURCE OF SAMPLE CRAWFORD RESIDENCE COLLECTOR R. DeMARCO

SAMPLE TYPE: _____ DISTRIBUTION X SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private X

Landfill observation well _____ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination X

Suspected Petroleum (gasoline, etc.) Contamination X

Other (specify) _____

REMARKS: KEYSTONE LANDFILL SURVEY. SAMPLE FROM OUTSIDE SPIGOT, REAR OF HOUSE. PREVIOUS SAMPLES CLEAN.

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED 071785	CARD NO

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:**			
1,1,1-Tricnloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 17 1985 DATE REPORTED ~~AUG 6 1985~~ CHEMIST Usill LAB. NO 000202

DHMH 749 3/85 2M

AR100960

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STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-R-3-1 MD-R-3-2

WMA-ENFORCEMENT
CARROLL
Name of County

SOURCE OF SAMPLE EDDY RESIDENCE COLLECTOR R. DeMARCO

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private X

Landfill observation well _____ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination X

Suspected Petroleum (gasoline, etc.) Contamination X

Other (specify) _____

REMARKS: KEYSTONE LANDFILL SURVEY. REPEATED DETECTION OF CHLOROFORM IN DECLINING CONCENTRATIONS.

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED 07 17 85	CARD NO

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:**			
1,1,1-Trichloroethane		Resample for aromatic analysis.			
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 17 1985 DATE REPORTED AUG 6 1985 CHEMIST Will LAB NO 000203

DHMH 749 3/85

ZM

AR100961

346-7564(H)
648-0459(W)

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STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-R-4-1
MD-R-4-2

WMA-ENFORCEMENT
CARROLL
Name of County

SOURCE OF SAMPLE GILBERT RESIDENCE COLLECTOR R. DEMARCO

SAMPLE TYPE: _____ DISTRIBUTION X SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private X

Landfill observation well _____ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination X

Suspected Petroleum (gasoline, etc.) Contamination X

Other (specify) _____

REMARKS: KEYSTONE LANDFILL SURVEY. SAMPLE COLLECTED FROM RESTROOM SINK. PREVIOUS SAMPLES CLEAN

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED 0 7 1 7 8 5	CARD NO

FIELD pH (20 21 22) _____ FIELD RESID. CHLORINE: FREE (23 24) _____ TOTAL (25 26) _____

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		Other Purgeable Organics:			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 17 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB. NO. 000204

ARTU0562

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STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-R-5-1
MD-R-5-2

W.M.A.-ENFORCEMENT
CARROLL
Name of County

SOURCE OF SAMPLE CONAWAY RESIDENCE COLLECTOR R. DeMARCO

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE _____ OTHER (specify) _____

Community _____ noncommunity _____ private X

Landfill observation well _____ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trihalomethane Survey _____

Suspected Industrial Chemical Contamination X

Suspected Petroleum (gasoline, etc.) Contamination X

Other (specify) _____

REMARKS: KEYSTONE LANDFILL SURVEY.

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO	SAMPLING STATION	DATE COLLECTED	CARD NO
				0 7 1 7 8 5	

20 21 22	23 24	25 26
FIELD pH	FIELD RESID. CHLORINE: FREE	TOTAL

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:**			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 17 1985 DATE REPORTED AUG 6 1985 CHEMIST [illegible] LAB NO. 1001215

AR100963

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W.M.A. - DIRECTOR

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION
TRACE ORGANICS LABORATORY
VOLATILE ORGANICS ANALYSIS

BOTTLE NUMBER MD-R-G-1
MD-R-G-2

WMA-ENFORCEMENT
CARROLL
Name of County

SOURCE OF SAMPLE BUTLER (HOLLOW CORP) RES. COLLECTOR R. DeMARCO

SAMPLE TYPE: _____ DISTRIBUTION _____ SOURCE X OTHER (specify) _____

Community _____ noncommunity _____ private X

Landfill observation well _____ stream _____ tidal waters _____

Industrial effluent _____ STP sampling station _____ STP effluent _____

Chlorinated _____ preserved with thiosulfate _____

Reason for submitting sample: Trinalomethane Survey _____

Suspected Industrial Chemical Contamination X

Suspected Petroleum (gasoline, etc.) Contamination X

Other (specify) _____

REMARKS: KEYSTONE LANDFILL SURVEY. PREVIOUS SAMPLES CLEAR

1	2 3	4 5 6 7	8 9 10 11	12 13 14 15 16 17	18 19
TRANS TYPE	COUNTY	PLANT NO.	SAMPLING STATION	DATE COLLECTED 07 17 85	TAP NO.

FIELD pH _____ 20 21 22 FIELD RESID. CHLORINE FREE _____ 23 24 TOTAL _____ 25 26

Purgeable Halocarbons (EPA 601)				Purgeable Aromatics (EPA 602)	
Chloromethane	<1	trans-1,3-Dichloropropene	<1	Benzene	<1
Bromomethane		Trichloroethene		Toluene	
Dichlorodifluoromethane		Dibromochloromethane		Ethylbenzene	
Vinyl chloride		1,1,2-Trichloroethane		Total Xylenes	<2
Chloroethane		cis-1,3-Dichloropropene		Total Purgeable Hydrocarbons	
Methylene chloride		2-Chloroethylvinylether		Tetrahydrofuran	
Trichlorofluoromethane		Bromoform		Methylethylketone	
1,1-Dichloroethene		1,1,2,2-Tetrachloroethane		(2-Butanone) (MEK)	
1,1-Dichloroethane		Tetrachloroethene		Methylisobutylketone (MIBK)	
trans-1,2-Dichloroethene		Chlorobenzene			
Chloroform		Total Trihalomethanes			
1,2-Dichloroethane		**Other Purgeable Organics:**			
1,1,1-Trichloroethane					
Carbon Tetrachloride					
Bromodichloromethane					
1,2-Dichloropropane					

Results reported in micrograms per liter (parts per billion)

DATE RECEIVED JUL 17 1985 DATE REPORTED AUG 6 1985 CHEMIST Will LAB NO 000206

DHMH 749 3/85 2M

AR100964