ecology and environment, inc.
223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415
International Specialists in the Environmental Sciences

EPA Region 5 Records Ctr.
373682

DATE: April 14, 1981

TO: Rene Van Someren

FROM: E. M. Briesch

SUBJECT: Ohio / TDD# F5-8011-1
Woodford Road Quarry / Elyria, Ohio

Attached are the results of the organic analysis performed on environmental samples taken from the subject site. As of this date, inorganic results have not been received. A complete site inspection report has already been submitted and was dated December 8, 1980.

EMB/df

Attachment

recycled paper

.O. Box 818, Alexandria, VA 22313 - 703/683-0885
2/5/88 OK

Sample Number
E-0297

# ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC.
160 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO. #4

South end of Sete at entrance DO1 551

| | ACID COMPOUNDS | ug/l |
|---|---|---|
| 21A | 2,4,6- trichlorophenol | ND |
| 22A | p-chloro-m-cresol | ND |
| 24A | 2- chlorophenol | ND |
| 31A | 2,4-dichlorophenol | ND |
| 34A | 2,4- dimethylphenol | ND |
| 57A | 2- nitrophenol | ND |
| 58A | 4- nitrophenol | ND |
| 59A | 2,4- dinitrophenol | ND |
| 60A | 4,6- dinitro-o-cresol | ND |
| 64A | pentachlorophenol | ND |
| 65A | phenol | ND |

| | BASE/NEUTRAL COMPOUNDS | ug/l |
|---|---|---|
| 1B | acenaphthene | ND |
| 5B | benzidine | ND |
| 8B | 1,2,4- trichlorobenzene | ND |
| 9B | hexachlorobenzene | ND |
| 12B | hexachloroethane | ND |
| 18B | bis(2-chloroethyl)ether | ND |
| 20B | 2-chloronaphthalene | ND |
| 25B | 1,2-dichlorobenzene | ND |
| 26B | 1,3-dichlorobenzene | ND |
| 27B | 1,4-dichlorobenzene | ND |
| 28B | 3,3'-dichlorobenzidine | ND |
| 35B | 2,4- dinitrotoluene | ND |
| 36B | 2,6- dinitrotoluene | ND |
| 37B | 1,2- diphenylhydrazine (as azobenzene) | ND |
| 39B | fluoranthene | ND |
| 40B | 4- chlorophenyl phenyl ether | ND |

| | BASE/NEUTRAL COMPOUNDS | ug/l |
|---|---|---|
| 41B | 4-bromophenyl phenyl ether | ND |
| 42B | bis (2-chloroisopropyl) ether | ND |
| 43B | bis (2-chloroethoxy) methane | ND |
| 52B | hexachlorobutadiene | ND |
| 53B | hexachlorocyclopentadiene | ND |
| 54B | isophorone | ND |
| 55B | naphthalene | ND |
| 56B | nitrobenzene | ND |
| 61B | N-nitrosodimethylamine | ND |
| 62B | N-nitrosodiphenylamine | ND |
| 63B | N-nitrosodi-n-propylamine | ND |
| 66B | bis (2-ethylhexyl) phthalate | 100 |
| 67B | butyl benzyl phthalate | ND |
| 68B | di-n-butyl phthalate | ND |
| 69B | di-n-octyl phthalate | ND |
| 70B | diethyl phthalate | ND |
| 71B | dimethyl phthalate | ND |
| 72B | benzo(a)anthracene | ND |
| 73B | benzo(a)pyrene | ND |
| 74B | 3,4-benzofluoranthene | ND |
| 75B | benzo(k)fluoranthene | ND |
| 76B | chrysene | ND |
| 77B | acenaphthylene | ND |
| 78B | anthracene | ND |
| 79B | benzo(ghi)perylene | ND |
| 80B | fluorene | ND |
| 81B | phenanthrene | ND |
| 82B | dibenzo(a,h)anthracene | ND |
| 83B | indeno(1,2,3-cd)pyrene | ND |
| 84B | pyrene | ND |

K-0277
Sample Number

Case # 331

# ORGANICS ANALYSIS DATA SHEET - Page 2

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC.
160 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO. Creek at

QC REPORT NO. # 4 551

| | VOLATILES | ug/l |
|---|---|---|
| 2V | acrolein | ND |
| 3V | acrylonitrile | ND |
| 4V | benzene | ND |
| 6V | carbon tetrachloride | ND |
| 7V | chlorobenzene | ND |
| 10V | 1,2-dichloroethane | ND |
| 11V | 1,1,1-trichloroethane | ND |
| 13V | 1,1-dichloroethane | ND |
| 14V | 1,1,2-trichloroethane | ND |
| 15V | 1,1,2,2-tetrachloroethane | ND |
| 16V | chloroethane | ND |
| 19V | 2-chloroethylvinyl ether | ND |
| 23V | chloroform | ND |
| 29V | 1,1-dichloroethylene | ND |
| 30V | 1,2-trans-dichloroethylene | ND |
| 32V | 1,2-dichloropropane | ND |
| 33V | 1,3-dichloropropylene | ND |
| 38V | ethylbenzene | ND |
| 44V | methylene chloride | ND |
| 45V | methyl chloride | ND |
| 46V | methyl bromide | ND |
| 47V | bromoform | ND |
| 48V | dichlorobromomethane | ND |
| 49V | trichlorofluoromethane | ND |
| 50V | dichlorodifluoromethane | ND |
| 51V | chlorodibromomethane | ND |
| 85V | tetrachloroethylene | ND |
| 86V | toluene | ND |
| 87V | trichloroethylene | ND |
| 88V | vinyl chloride | ND |

| | PESTICIDES | ug/l |
|---|---|---|
| 89P | aldrin | ND |
| 90P. | dieldrin | ND |
| 91P | chlordane | ND |
| 92P | 4,4'-DDT | ND |
| 93P | 4,4'-DDE | ND |
| 94P | 4,4'-DDD | ND |
| 95P | -endosulfan | ND |
| 96P | -endosulfan | ND |
| 97P | endosulfan sulfate | ND |
| 98P | endrin | ND |
| 99P | endrin aldehyde | ND |
| 100P | heptachlor | ND |
| 101P | heptachlor epoxide | ND |
| 102P | -BHC | ND |
| 103P | -BHC | ND |
| 104P | -BHC | ND |
| 105P | -BHC | ND |
| 106P | PCB-1242 | ND |
| 107P | PCB-1254 | ND |
| 108P | PCB-1221 | ND |
| 109P | PCB-1232 | ND |
| 110P | PCB-1248 | ND |
| 111P | PCB-1260 | ND |
| 112P | PCB-1016 | ND |
| 113P | toxaphene | ND |

| | DIOXINS | |
|---|---|---|
| 129B | 2,3,7,8-tetrachlorodibenzo-p-dioxin | ND |

*Less than 10 ug/l
(pesticides less than 0.1 ug/l)

ND = Not detected

Site: ARLI

Report No: HWI #4

| Sample Number |
|---|
| E-0297 |

## A. SURROGATE SPIKE RESULTS

| COMPOUND | Fraction | Conc. (ug/l) | (Surrogates only) Spike Added (ug/l) | % Recovery |
|---|---|---|---|---|
| Napthalene-d8 | BN | 88 | 100 | 88 |
| Nitrobenzene-d5 | BN | 110 | 100 | 110 |
| 2-Fluorobiphenyl | BN | 92 | 100 | 92 |
| Pyridine-d5 | BN | 94 | 100 | 94 |
| Phenol-d6 | Acid | 53 | 100 | 53 |
| 2-Fluorophenol | Acid | 56 | 100 | 56 |
| Benzene-d6 | VOA | 160 | 100 | 160 |
| Toluene-d8 | VOA | 80 | 100 | 80 |
| | | | | |
| | | | | |
| | | | | |

## B. TENTATIVELY IDENTIFIED COMPOUNDS

| | CAS # | COMPOUND NAME | Fraction | % Maximum Score Attained Mass Matching Routine: Fit (specify) |
|---|---|---|---|---|
| 1. | 265 | 1-Propyne | VOA | 44 |
| 2. | 1035 | 2-Hexamine, 4-Methyl- | VOA | 80 |
| 3. | 275 | Oxirane | VOA | 91 |
| 4. | 5487 | 2-Piperidinecarboxamide, ~~N-Methyl~~ MBF | VOA | 91 |
| 5. | | N-(2,6-Dimethylp... | | |
| 6. | 1329 | 1H-Azepine, Hexahydro- | BN | 61 |
| 7. | 9712 | 2,6,10,14,18,22-Tetracosahexaene,... | BN | 83 |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |
| 11. | | | | |
| 12. | | | | |
| 13. | | | | |
| 14. | | | | |
| 15. | | | | |
| 16. | | | | |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. | | | | |

U.S. ENVIRONMENTAL PROTECTION AGENCY - 1147 Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/683-0885

2/5/91 03

Sample Number
E-0298

# ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC.
~~169 TAYLOR STREET~~
MONROVIA, CA. 91016

LAB SAMPLE ID NO. 552

QC REPORT NO. #4

| | ACID COMPOUNDS | ug/l |
|---|---|---|
| 21A | 2,4,6- trichlorophenol | ND |
| 22A | p-chloro-m-cresol | ND |
| 24A | 2- chlorophenol | ND |
| 31A | 2,4-dichlorophenol | ND |
| 34A | 2,4- dimethylphenol | ND |
| 57A | 2- nitrophenol | ND |
| 58A | 4- nitrophenol | ND |
| 59A | 2,4- dinitrophenol | ND |
| 60A | 4,6- dinitro-o-cresol | ND |
| 64A | pentachlorophenol | ND |
| 65A | phenol | ND |

| | BASE/NEUTRAL COMPOUNDS | ug/l |
|---|---|---|
| 1B | acenaphthene | ND |
| 5B | benzidine | ND |
| 8B | 1,2,4- trichlorobenzene | ND |
| 9B | hexachlorobenzene | ND |
| 12B | hexachloroethane | ND |
| 18B | bis(2-chloroethyl)ether | ND |
| 20B | 2-chloronaphthalene | ND |
| 25B | 1,2-dichlorobenzene | ND |
| 26B | 1,3-dichlorobenzene | ND |
| 27B | 1,4-dichlorobenzene | ND |
| 28B | 3,3'-dichlorobenzidine | ND |
| 35B | 2,4- dinitrotoluene | ND |
| 36B | 2,6- dinitrotoluene | ND |
| 37B | 1,2- diphenylhydrazine (as azobenzene) | ND |
| 39B | fluoranthene | ND |
| 40B | 4- chlorophenyl phenyl ether | ND |

| | BASE/NEUTRAL COMPOUNDS | ug/l |
|---|---|---|
| 41B | 4-bromophenyl phenyl ether | ND |
| 42B | bis (2-chloroisopropyl) ether | ND |
| 43B | bis (2-chloroethoxy) methane | ND |
| 52B | hexachlorobutadiene | ND |
| 53B | hexachlorocyclopentadiene | ND |
| 54B | isophorone | ND |
| 55B | naphthalene | ND |
| 56B | nitrobenzene | ND |
| 61B | N-nitrosodimethylamine | ND |
| 62B | N-nitrosodiphenylamine | ND |
| 63B | N-nitrosodi-n-propylamine | ND |
| 66B | bis (2-ethylhexyl) phthalate | 95 |
| 67B | butyl benzyl phthalate | ND |
| 68B | di-n-butyl phthalate | ND |
| 69B | di-n-octyl phthalate | ND |
| 70B | diethyl phthalate | ND |
| 71B | dimethyl phthalate | ND |
| 72B | benzo(a)anthracene | ND |
| 73B | benzo(a)pyrene | ND |
| 74B | 3,4-benzofluoranthene | ND |
| 75B | benzo(k)fluoranthene | ND |
| 76B | chrysene | ND |
| 77B | acenaphthylene | ND |
| 78B | anthracene | ND |
| 79B | benzo(ghi)perylene | ND |
| 80B | fluorene | ND |
| 81B | phenanthrene | ND |
| 82B | dibenzo(a,h)anthracene | ND |
| 83B | indeno(1,2,3-cd)pyrene | ND |
| 84B | pyrene | ND |

E-0298
Sample Number

Case # 331

ORGANICS ANALYSIS DATA SHEET - Page 2

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC.
169 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO.

| | VOLATILES | ug/l |
|---|---|---|
| 2V | acrolein | ND |
| 3V | acrylonitrile | ND |
| 4V | benzene | ND |
| 6V | carbon tetrachloride | ND |
| 7V | chlorobenzene | ND |
| 10V | 1,2-dichloroethane | ND |
| 11V | 1,1,1-trichloroethane | ND |
| 13V | 1,1-dichloroethane | ND |
| 14V | 1,1,2-trichloroethane | ND |
| 15V | 1,1,2,2-tetrachloroethane | ND |
| 16V | chloroethane | ND |
| 19V | 2-chloroethylvinyl ether | ND |
| 23V | chloroform | ND |
| 29V | 1,1-dichloroethylene | ND |
| 30V | 1,2-trans-dichloroethylene | ND |
| 32V | 1,2-dichloropropane | ND |
| 33V | 1,3-dichloropropylene | ND |
| 38V | ethylbenzene | ND |
| 44V | methylene chloride | ND |
| 45V | methyl chloride | ND |
| 46V | methyl bromide | ND |
| 47V | bromoform | ND |
| 48V | dichlorobromomethane | ND |
| 49V | trichlorofluoromethane | ND |
| 50V | dichlorodifluoromethane | ND |
| 51V | chlorodibromomethane | ND |
| 85V | tetrachloroethylene | ND |
| 86V | toluene | ND |
| 87V | trichloroethylene | ND |
| 88V | vinyl chloride | ND |

| | PESTICIDES | ug/l |
|---|---|---|
| 89P | aldrin | ND |
| 90P | dieldrin | ND |
| 91P | chlordane | ND |
| 92P | 4,4'-DDT | ND |
| 93P | 4,4'-DDE | ND |
| 94P | 4,4'-DDD | ND |
| 95P | -endosulfan | ND |
| 96P | -endosulfan | ND |
| 97P | endosulfan sulfate | ND |
| 98P | endrin | ND |
| 99P | endrin aldehyde | ND |
| 100P | heptachlor | ND |
| 101P | heptachlor epoxide | ND |
| 102P | -BHC | ND |
| 103P | -BHC | ND |
| 104P | -BHC | ND |
| 105P | -BHC | ND |
| 106P | PCB-1242 | ND |
| 107P | PCB-1254 | ND |
| 108P | PCB-1221 | ND |
| 109P | PCB-1232 | ND |
| 110P | PCB-1248 | ND |
| 111P | PCB-1260 | ND |
| 112P | PCB-1016 | ND |
| 113P | toxaphene | ND |

| | DIOXINS | |
|---|---|---|
| 129B | 2,3,7,8-tetrachlorodibenzo-p-dioxin | ND |

*Less than 10 ug/l
(pesticides less than 0.1 ug/l)

ND - Not detected

...e: ARLI

Report No: HWL # 4

| Sample Number |
|---|
| E-0298 |

## A. SURROGATE SPIKE RESULTS

| COMPOUND | Fraction | Conc. (ug/l) | (Surrogates only) Spike Added (ug/l) | % Recovery |
|---|---|---|---|---|
| Napthalene-d8 | BN | 65 | 100 | 65 |
| Nitrobenzene-d5 | BN | 46 | 100 | 46 |
| 2-Fluorobiphenyl | BN | 98 | 100 | 98 |
| Pyridine-d5 | BN | Ø | 100 | Ø |
| Phenol-d6 | Acid | 130 | 100 | 130 |
| 2-Fluorophenol | Acid | 130 | 100 | 130 |
| Benzene-d6 | VOA | 130 | 100 | 130 |
| Toluene-d8 | VOA | 120 | 100 | 120 |
| | | | | |
| | | | | |
| | | | | |

## B. TENTATIVELY IDENTIFIED COMPOUNDS

| | CAS # | COMPOUND NAME | Fraction | % Maximum Score Attained Mass Matching Routine: Fit (specify) |
|---|---|---|---|---|
| 1. | 15406 | Diisooctyl Phthalate | ACID | 85 |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |
| 7. | | | | |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |
| 11. | | | | |
| 12. | | | | |
| 13. | | | | |
| 14. | | | | |
| 15. | | | | |
| 16. | | | | |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. | | | | |

U.S. ENVIRONMENTAL PROTECTION AGENCY - HWI Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/683-0885

2/18/89

Sample Number
E-0299

# ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC.
169 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO. #4

551

| ACID COMPOUNDS | | ug/l |
|---|---|---|
| 21A | 2,4,6- trichlorophenol | ND |
| 22A | p-chloro-m-cresol | ND |
| 24A | 2- chlorophenol | ND |
| 31A | 2,4-dichlorophenol | ND |
| 34A | 2,4- dimethylphenol | ND |
| 57A | 2- nitrophenol | ND |
| 58A | 4- nitrophenol | ND |
| 59A | 2,4- dinitrophenol | ND |
| 60A | 4,6- dinitro-o-cresol | ND |
| 64A | pentachlorophenol | 51 |
| 65A | phenol | ND |

| BASE/NEUTRAL COMPOUNDS | | ug/l |
|---|---|---|
| 1B | acenaphthene | ND |
| 5B | benzidine | ND |
| 8B | 1,2,4- trichlorobenzene | ND |
| 9B | hexachlorobenzene | ND |
| 12B | hexachloroethane | ND |
| 18B | bis(2-chloroethyl)ether | ND |
| 20B | 2-chloronaphthalene | ND |
| 25B | 1,2-dichlorobenzene | ND |
| 26B | 1,3-dichlorobenzene | ND |
| 27B | 1,4-dichlorobenzene | ND |
| 28B | 3,3'-dichlorobenzidine | ND |
| 35B | 2,4- dinitrotoluene | ND |
| 36B | 2,6- dinitrotoluene | ND |
| 37B | 1,2- diphenylhydrazine (as azobenzene) | ND |
| 39B | fluoranthene | ND |
| 40B | 4- chlorophenyl phenyl ether | ND |

| BASE/NEUTRAL COMPOUNDS | | ug/l |
|---|---|---|
| 41B | 4-bromophenyl phenyl ether | ND |
| 42B | bis (2-chloroisopropyl) ether | ND |
| 43B | bis (2-chloroethoxy) methane | ND |
| 52B | hexachlorobutadiene | ND |
| 53B | hexachlorocyclopentadiene | ND |
| 54B | isophorone | ND |
| 55B | naphthalene | ND |
| 56B | nitrobenzene | ND |
| 61B | N-nitrosodimethylamine | ND |
| 62B | N-nitrosodiphenylamine | ND |
| 63B | N-nitrosodi-n-propylamine | ND |
| 66B | bis (2-ethylhexyl) phthalate | 56 |
| 67B | butyl benzyl phthalate | ND |
| 68B | di-n-butyl phthalate | ND |
| 69B | di-n-octyl phthalate | ND |
| 70B | diethyl phthalate | ND |
| 71B | dimethyl phthalate | ND |
| 72B | benzo(a)anthracene | ND |
| 73B | benzo(a)pyrene | ND |
| 74B | 3,4-benzofluoranthene | ND |
| 75B | benzo(k)fluoranthene | ND |
| 76B | chrysene | ND |
| 77B | acenaphthylene | ND |
| 78B | anthracene | ND |
| 79B | benzo(ghi)perylene | ND |
| 80B | fluorene | ND |
| 81B | phenanthrene | ND |
| 82B | dibenzo(a,h)anthracene | ND |
| 83B | indeno(1,2,3-cd)pyrene | ND |
| 84B | pyrene | ND |

Sample Number

Case # 331

ORGANICS ANALYSIS DATA SHEET - Page 2

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC
160 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO. #4

| | VOLATILES | ug/l |
|---|---|---|
| 2V | acrolein | ND |
| 3V | acrylonitrile | ND |
| 4V | benzene | ND |
| 6V | carbon tetrachloride | ND |
| 7V | chlorobenzene | ND |
| 10V | 1,2-dichloroethane | ND |
| 11V | 1,1,1-trichloroethane | ND |
| 13V | 1,1-dichloroethane | ND |
| 14V | 1,1,2-trichloroethane | ND |
| 15V | 1,1,2,2-tetrachloroethane | ND |
| 16V | chloroethane | ND |
| 19V | 2-chloroethylvinyl ether | ND |
| 23V | chloroform | ND |
| 29V | 1,1-dichloroethylene | ND |
| 30V | 1,2-trans-dichloroethylene | ND |
| 32V | 1,2-dichloropropane | ND |
| 33V | 1,3-dichloropropylene | ND |
| 38V | ethylbenzene | ND |
| 44V | methylene chloride | ND |
| 45V | methyl chloride | ND |
| 46V | methyl bromide | ND |
| 47V | bromoform | ND |
| 48V | dichlorobromomethane | ND |
| 49V | trichlorofluoromethane | ND |
| 50V | dichlorodifluoromethane | ND |
| 51V | chlorodibromomethane | ND |
| 85V | tetrachloroethylene | ND |
| 86V | toluene | ND |
| 87V | trichloroethylene | ND |
| 88V | vinyl chloride | ND |

| | PESTICIDES | ug/l |
|---|---|---|
| 89P | aldrin | ND |
| 90P. | dieldrin | ND |
| 91P | chlordane | ND |
| 92P | 4,4'-DDT | ND |
| 93P | 4,4'-DDE | ND |
| 94P | 4,4'-DDD | ND |
| 95P | -endosulfan | ND |
| 96P | -endosulfan | ND |
| 97P | endosulfan sulfate | ND |
| 98P | endrin | ND |
| 99P | endrin aldehyde | ND |
| 100P | heptachlor | ND |
| 101P | heptachlor epoxide | ND |
| 102P | -BHC | ND |
| 103P | -BHC | ND |
| 104P | -BHC | ND |
| 105P | -BHC | ND |
| 106P | PCB-1242 | ND |
| 107P | PCB-1254 | ND |
| 108P | PCB-1221 | ND |
| 109P | PCB-1232 | ND |
| 110P | PCB-1248 | ND |
| 111P | PCB-1260 | ND |
| 112P | PCB-1016 | ND |
| 113P | toxaphene | ND |

| | DIOXINS | |
|---|---|---|
| 129B | 2,3,7,8-tetrachlorodibenzo-p-dioxin | ND |

*Less than 10 ug/l
(pesticides less than 0.1 ug/l)

ND = Not detected

Lab: ARLI

Report No: HWI #4

Sample Number
E-0299

## A. SURROGATE SPIKE RESULTS

| COMPOUND | Fraction | Conc. (ug/l) | (Surrogates only) Spike Added (ug/l) | % Recovery |
|---|---|---|---|---|
| Napthalene-d8 | BN | 140. | 100 | 140 |
| Nitrobenzene-d5 | BN | 130. | 100 | 130 |
| 2-Fluorobiphenyl | BN | 110. | 100 | 110 |
| Pyridine-d5 | BN | 120. | 100 | 120 |
| Phenol-d6 | Acid | 99. | 100 | 99 |
| 2-Fluorophenol | Acid | .81 | 100 | |
| Benzene-d6 | VOA | 88. | 100 | 88 |
| Toluene-d8 | VOA | 130. | 100 | 130 |
| | | | | |
| | | | | |
| | | | | |

## B. TENTATIVELY IDENTIFIED COMPOUNDS

| | CAS # | COMPOUND NAME | Fraction | % Maximum Score Attained Mass Matching Routine: (specify) |
|---|---|---|---|---|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |
| 7. | | | | |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |
| 11. | | | | |
| 12. | | | | |
| 13. | | | | |
| 14. | | | | |
| 15. | | | | |
| 16. | | | | |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. | | | | |

U.S. ENVIRONMENTAL PROTECTION AGENCY - HWI Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/683-0885

2/5/81 cm

Sample Number
E-0300

# ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC.
160 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO. #4

P01

| | ACID COMPOUNDS | ug/l |
|---|---|---|
| 21A | 2,4,6- trichlorophenol | ND |
| 22A | p-chloro-m-cresol | ND |
| 24A | 2- chlorophenol | ND |
| 31A | 2,4-dichlorophenol | ND |
| 34A | 2,4- dimethylphenol | ND |
| 57A | 2- nitrophenol | ND |
| 58A | 4- nitrophenol | ND |
| 59A | 2,4- dinitrophenol | ND |
| 60A | 4,6- dinitro-o-cresol | ND |
| 64A | pentachlorophenol | ND |
| 65A | phenol | ND |

| | BASE/NEUTRAL COMPOUNDS | |
|---|---|---|
| 1B | acenaphthene | ND |
| 5B | benzidine | ND |
| 8B | 1,2,4- trichlorobenzene | ND |
| 9B | hexachlorobenzene | ND |
| 12B | hexachloroethane | ND |
| 18B | bis(2-chloroethyl)ether | ND |
| 20B | 2-chloronaphthalene | ND |
| 25B | 1,2-dichlorobenzene | ND |
| 26B | 1,3-dichlorobenzene | ND |
| 27B | 1,4-dichlorobenzene | ND |
| 28B | 3,3'-dichlorobenzidine | ND |
| 35B | 2,4- dinitrotoluene | ND |
| 36B | 2,6- dinitrotoluene | ND |
| 37B | 1,2- diphenylhydrazine (as azobenzene) | ND |
| 39B | fluoranthene | ND |
| 40B | 4- chlorophenyl phenyl ether | ND |

| | BASE/NEUTRAL COMPOUNDS | ug/l |
|---|---|---|
| 41B | 4-bromophenyl phenyl ether | ND |
| 42B | bis (2-chloroisopropyl) ether | ND |
| 43B | bis (2-chloroethoxy) methane | ND |
| 52B | hexachlorobutadiene | ND |
| 53B | hexachlorocyclopentadiene | ND |
| 54B | isophorone | ND |
| 55B | naphthalene | ND |
| 56B | nitrobenzene | ND |
| 61B | N-nitrosodimethylamine | ND |
| 62B | N-nitrosodiphenylamine | ND |
| 63B | N-nitrosodi-n-propylamine | ND |
| 66B | bis (2-ethylhexyl) phthalate | 7.6 |
| 67B | butyl benzyl phthalate | ND |
| 68B | di-n-butyl phthalate | ND |
| 69B | di-n-octyl phthalate | ND |
| 70B | diethyl phthalate | ND |
| 71B | dimethyl phthalate | ND |
| 72B | benzo(a)anthracene | ND |
| 73B | benzo(a)pyrene | ND |
| 74B | 3,4-benzofluoranthene | ND |
| 75B | benzo(k)fluoranthene | ND |
| 76B | chrysene | ND |
| 77B | acenaphthylene | ND |
| 78B | anthracene | ND |
| 79B | benzo(ghi)perylene | ND |
| 80B | fluorene | ND |
| 81B | phenanthrene | ND |
| 82B | dibenzo(a,h)anthracene | ND |
| 83B | indeno(1,2,3-cd)pyrene | ND |
| 84B | pyrene | ND |

Sample Number

Case # 331

# ORGANICS ANALYSIS DATA SHEET - Page 2

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC
~~169 TAYLOR STREET~~
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO. #4

| | VOLATILES | ug/l |
|---|---|---|
| 2V | acrolein | ND |
| 3V | acrylonitrile | ND |
| 4V | benzene | ND |
| 6V | carbon tetrachloride | ND |
| 7V | chlorobenzene | ND |
| 10V | 1,2-dichloroethane | ND |
| 11V | 1,1,1-trichloroethane | ND |
| 13V | 1,1-dichloroethane | ND |
| 14V | 1,1,2-trichloroethane | ND |
| 15V | 1,1,2,2-tetrachloroethane | ND |
| 16V | chloroethane | ND |
| 19V | 2-chloroethylvinyl ether | ND |
| 23V | chloroform | ND |
| 29V | 1,1-dichloroethylene | ND |
| 30V | 1,2-trans-dichloroethylene | ND |
| 32V | 1,2-dichloropropane | ND |
| 33V | 1,3-dichloropropylene | ND |
| 38V | ethylbenzene | ND |
| 44V | methylene chloride | ND |
| 45V | methyl chloride | ND |
| 46V | methyl bromide | ND |
| 47V | bromoform | ND |
| 48V | dichlorobromomethane | ND |
| 49V | trichlorofluoromethane | ND |
| 50V | dichlorodifluoromethane | ND |
| 51V | chlorodibromomethane | ND |
| 85V | tetrachloroethylene | ND |
| 86V | toluene | ND |
| 87V | trichloroethylene | ND |
| 88V | vinyl chloride | ND |

| | PESTICIDES | ug/l |
|---|---|---|
| 89P | aldrin | ND |
| 90P | dieldrin | ND |
| 91P | chlordane | ND |
| 92P | 4,4'-DDT | ND |
| 93P | 4,4'-DDE | ND |
| 94P | 4,4'-DDD | ND |
| 95P | -endosulfan | ND |
| 96P | -endosulfan | ND |
| 97P | endosulfan sulfate | ND |
| 98P | endrin | ND |
| 99P | endrin aldehyde | ND |
| 100P | heptachlor | ND |
| 101P | heptachlor epoxide | ND |
| 102P | -BHC | ND |
| 103P | -BHC | ND |
| 104P | -BHC | ND |
| 105P | -BHC | ND |
| 106P | PCB-1242 | ND |
| 107P | PCB-1254 | ND |
| 108P | PCB-1221 | ND |
| 109P | PCB-1232 | ND |
| 110P | PCB-1248 | ND |
| 111P | PCB-1260 | ND |
| 112P | PCB-1016 | ND |
| 113P | toxaphene | ND |

| | DIOXINS | |
|---|---|---|
| 129B | 2,3,7,8-tetrachlorodibenzo-p-dioxin | ND |

*Less than 10 ug/l
(pesticides less than 0.1 ug/l)

ND = Not detected

Lab Name: ARLI

QC Report No: HWI #4

| Sample Number |
|---|
| E-0300 |

## A. SURROGATE SPIKE RESULTS

| COMPOUND | Fraction | Conc. (ug/l) | (Surrogates only) Spike Added (ug/l) | % Recovery |
|---|---|---|---|---|
| Napthalene-d8 | BN | 110 | 100 | 110 |
| Nitrobenzene-d5 | BN | 110 | 100 | 110 |
| 2-Fluorobiphenyl | BN | 110 | 100 | 110 |
| Pyridine-d5 | BN | 72 | 100 | 72 |
| Phenol-d6 | Acid | 130 | 100 | 130 |
| 2-Fluorophenol | Acid | 74 | 100 | 74 |
| Benzene-d6 | VOA | 110 | 100 | 110 |
| Toluene-d8 | VOA | 100 | 100 | 100 |
| | | | | |
| | | | | |
| | | | | |

## B. TENTATIVELY IDENTIFIED COMPOUNDS

| | CAS # | COMPOUND NAME | Fraction | % Maximum Score Attained Mass Matching Routine: Fit (specify) |
|---|---|---|---|---|
| 1. | 7398 | 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl | BN | 84 |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |
| 7. | | | | |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |
| 11. | | | | |
| 12. | | | | |
| 13. | | | | |
| 14. | | | | |
| 15. | | | | |
| 16. | | | | |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. | | | | |

E-0314
Sample Number

Case # 331

ORGANICS ANALYSIS DATA SHEET - Page 2

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC
160 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO. #4

553

| | VOLATILES | ug/l |
|---|---|---|
| 2V | acrolein | ND |
| 3V | acrylonitrile | ND |
| 4V | benzene | 36 |
| 6V | carbon tetrachloride | ND |
| 7V | chlorobenzene | ND |
| 10V | 1,2-dichloroethane | ND |
| 11V | 1,1,1-trichloroethane | ND |
| 13V | 1,1-dichloroethane | ND |
| 14V | 1,1,2-trichloroethane | ND |
| 15V | 1,1,2,2-tetrachloroethane | ND |
| 16V | chloroethane | ND |
| 19V | 2-chloroethylvinyl ether | ND |
| 23V | chloroform | ND |
| 29V | 1,1-dichloroethylene | ND |
| 30V | 1,2-trans-dichloroethylene | ND |
| 32V | 1,2-dichloropropane | ND |
| 33V | 1,3-dichloropropylene | ND |
| 38V | ethylbenzene | 110 |
| 44V | methylene chloride | ND |
| 45V | methyl chloride | ND |
| 46V | methyl bromide | ND |
| 47V | bromoform | ND |
| 48V | dichlorobromomethane | ND |
| 49V | trichlorofluoromethane | ND |
| 50V | dichlorodifluoromethane | ND |
| 51V | chlorodibromomethane | ND |
| 85V | tetrachloroethylene | ND |
| 86V | toluene | 580 |
| 87V | trichloroethylene | ND |
| 88V | vinyl chloride | ND |

| | PESTICIDES | ug/l |
|---|---|---|
| 89P | aldrin | ND |
| 90P. | dieldrin | ND |
| 91P | chlordane | ND |
| 92P | 4,4'-DDT | ND |
| 93P | 4,4'-DDE | ND |
| 94P | 4,4'-DDD | ND |
| 95P | -endosulfan | ND |
| 96P | -endosulfan | ND |
| 97P | endosulfan sulfate | ND |
| 98P | endrin | ND |
| 99P | endrin aldehyde | ND |
| 100P | heptachlor | ND |
| 101P | heptachlor epoxide | ND |
| 102P | -BHC | ND |
| 103P | -BHC | ND |
| 104P | -BHC | ND |
| 105P | -BHC | ND |
| 106P | PCB-1242 | ND |
| 107P | PCB-1254 | ND |
| 108P | PCB-1221 | ND |
| 109P | PCB-1232 | ND |
| 110P | PCB-1248 | ND |
| 111P | PCB-1260 | ND |
| 112P | PCB-1016 | ND |
| 113P | toxaphene | ND |

| | DIOXINS | |
|---|---|---|
| 129B | 2,3,7,8-tetrachlorodibenzo-p-dioxin | ND |

*Less than 10 ug/l
(pesticides less than 0.1 ug/l)

ND = Not detected

P.O. Box 818, Alexandria, VA 22313 - 703/683-0835

2/5/90

Sample Number
E-0314

# ORGANICS ANALYSIS DATA SHEET

LABORATORY NAME ANALYTICAL RESEARCH LABORATORIES, INC.
160 TAYLOR STREET
MONROVIA, CA. 91016

LAB SAMPLE ID NO.

QC REPORT NO. #4

| | ACID COMPOUNDS | ug/l |
|---|---|---|
| 21A | 2,4,6- trichlorophenol | ND |
| 22A | p-chloro-m-cresol | ND |
| 24A | 2- chlorophenol | ND |
| 31A | 2,4-dichlorophenol | ND |
| 34A | 2,4- dimethylphenol | ND |
| 57A | 2- nitrophenol | ND |
| 58A | 4- nitrophenol | ND |
| 59A | 2,4- dinitrophenol | ND |
| 60A | 4,6- dinitro-o-cresol | ND |
| 64A | pentachlorophenol | ND |
| 65A | phenol | 1.2 |

| | BASE/NEUTRAL COMPOUNDS | ug/l |
|---|---|---|
| 1B | acenaphthene | ND |
| 5B | benzidine | ND |
| 8B | 1,2,4- trichlorobenzene | ND |
| 9B | hexachlorobenzene | ND |
| 12B | hexachloroethane | ND |
| 18B | bis(2-chloroethyl)ether | ND |
| 20B | 2-chloronaphthalene | ND |
| 25B | 1,2-dichlorobenzene | ND |
| 26B | 1,3-dichlorobenzene | ND |
| 27B | 1,4-dichlorobenzene | ND |
| 28B | 3,3'-dichlorobenzidine | ND |
| 35B | 2,4- dinitrotoluene | ND |
| 36B | 2,6- dinitrotoluene | ND |
| 37B | 1,2- diphenylhydrazine (as azobenzene) | ND |
| 39B | fluoranthene | ND |
| 40B | 4- chlorophenyl phenyl ether | ND |

| | BASE/NEUTRAL COMPOUNDS | ug/l |
|---|---|---|
| 41B | 4-bromophenyl phenyl ether | ND |
| 42B | bis (2-chloroisopropyl) ether | ND |
| 43B | bis (2-chloroethoxy) methane | ND |
| 52B | hexachlorobutadiene | ND |
| 53B | hexachlorocyclopentadiene | ND |
| 54B | isophorone | ND |
| 55B | naphthalene | ND |
| 56B | nitrobenzene | ND |
| 61B | N-nitrosodimethylamine | ND |
| 62B | N-nitrosodiphenylamine | ND |
| 63B | N-nitrosodi-n-propylamine | ND |
| 66B | bis (2-ethylhexyl) phthalate | 20. |
| 67B | butyl benzyl phthalate | ND |
| 68B | di-n-butyl phthalate | 2.3 |
| 69B | di-n-octyl phthalate | ND |
| 70B | diethyl phthalate | ND |
| 71B | dimethyl phthalate | ND |
| 72B | benzo(a)anthracene | ND |
| 73B | benzo(a)pyrene | ND |
| 74B | 3,4-benzofluoranthene | ND |
| 75B | benzo(k)fluoranthene | ND |
| 76B | chrysene | ND |
| 77B | acenaphthylene | ND |
| 78B | anthracene | ND |
| 79B | benzo(ghi)perylene | ND |
| 80B | fluorene | ND |
| 81B | phenanthrene | ND |
| 82B | dibenzo(a,h)anthracene | ND |
| 83B | indeno(1,2,3-cd)pyrene | ND |
| 84B | pyrene | ND |

ARCL

Report No: HWL #4

Sample Number
E-0314

## A. SURROGATE SPIKE RESULTS

| COMPOUND | Fraction | Conc. (ug/l) | (Surrogates only) Spike Added (ug/l) | % Recovery |
|---|---|---|---|---|
| Naphthalene-d8 | BN | 60 | 40 | 150 |
| Nitrobenzene-d5 | BN | 52 | 40 | 130 |
| 2-Fluorobiphenyl | BN | 52 | 40 | 130 |
| Pyridine-d5 | BN | 33 | 40 | 83 |
| Phenol-d6 | Acid | 140 | 40 | 350 |
| 2-Fluorophenol | Acid | 77 | 40 | 190 |
| Benzene-d6 | VOA | 90 | 100 | 90 |
| Toluene-d8 | VOA | 100 | 100 | 100 |
| | | | | |
| | | | | |
| | | | | |

## B. TENTATIVELY IDENTIFIED COMPOUNDS

NAM NUM: WT FORMULA NAME

NB 328: 72 C5.H12 BUTANE,2-METHYL-
SCAN # 378 PURITY 943 FIT 943

NAM NUM: WT FORMULA NAME

NB 760: 84 C6.H12 CYCLOPENTANE,METHYL-
SCAN # 435 PURITY 942 FIT 954

NAM NUM: WT FORMULA NAME

NB 3514: 94 C2.H6.S2 DISULFIDE,DIMETHYL
SCAN # 463 PURITY 913 FIT 940

NAM NUM: WT FORMULA NAME

NB 1188: 98 C7.H14 CYCLOHEXANE,METHYL-
SCAN # 539 PURITY 943 FIT 977

NAM NUM: WT FORMULA NAME

NB 2932: 100 C7.H16 PENTANE,2,3-DIMETHYL-
SCAN # 557 PURITY 930 FIT 949

NAM NUM: WT FORMULA NAME

NB 2707: 114 C8.H18 PENTANE,2,2,4-TRIMETHYL-
SCAN # 688 PURITY 915 FIT 922

VOA

NB 223: 136 C5.H4.O.N4 6H-PURIN-6-ONE,1,7-DIHYDRO-
SCAN # 128 PURITY 539 FIT 765

NAM NUM: WT FORMULA NAME

NB 2817: 172 C12.H9.F 1,1'-BIPHENYL,4-FLUORO-
SCAN # 152 PURITY 716 FIT 952

NAM NUM: WT FORMULA NAME

NB 1162: 102 C4.H5.O3 1,3-DIOXOLAN-2-ONE,4-METHYL-
SCAN # 214 PURITY 535 FIT 639

NAM NUM: WT FORMULA NAME

NB22047: 364 C26.H52 CYCLOHEXANE,1,4-DIMETHYL-2-OCTADECYL-
SCAN # 238 PURITY 481 FIT 804

NAM NUM: WT FORMULA NAME

NB 6358: 190 C10.H22.O3 CYCLOHEXANEMETHANOL,4-HYDROXY-.ALPHA...A
SCAN # 258 PURITY 713 FIT 549

NAM NUM: WT FORMULA NAME

NB 2522: 268 C18.H36.O 2-PENTADECANONE,6,10,14-TRIMETHYL-
SCAN # 311 PURITY 388 FIT 605

NAM NUM: WT FORMULA NAME

NB 2485: 166 C9.H10.O3 ETHANONE,1-(4-HYDROXY-3-METHOXYPHENYL)-
SCAN # 362 PURITY 752 FIT 952

NAM NUM: WT FORMULA NAME

NB 2485: 166 C9.H10.O3 ETHANONE,1-(4-HYDROXY-3-METHOXYPHENYL)-
SCAN # 396 PURITY 400 FIT 841

NAM NUM: WT FORMULA NAME

NB 5120: 192 C12.H16.O2 BENZENEBUTANOICACID,2,5-DIMETHYL-
SCAN # 405 PURITY 751 FIT 924

NAM NUM: WT FORMULA NAME

NB12157: 268 C16.H20.O3 -CYCLOHEXANECARBOXYLICACID,4-(1,5-DIMETHY
SCAN # 523 PURITY 381 FIT 669

ACID

EPA ENVIRONMENTAL PROTECTION AGENCY
Region V

Date 2/10/81

TO: FIT - J. Petrilli FROM:

| | | |
|---|---|---|
| REGIONAL ADMINISTRATOR | 5RA | |
| Deputy Regional Administrator | " | |
| Special Assistant | " | |
| State Coordinators | " | |
| Regional Counsel | 5RC | |
| Research & Development Rep | 5RD | |
| Great Lakes National Program | 5GLNP | |
| OFFICE OF INTERGOVERNMENTAL & EXTERNAL PROGRAMS | 5X | |
| Office of Congressional and Federal Relations | 5XCF | |
| Office of Civil Rights | 5XCR | |
| Media Service | 5XMS | |
| Office of Environmental Review | 5XER | |
| Workforce Development Staff | 5XWD | |
| Office of Public Participation | 5XPP | |
| Office of Public Information | 5XPI | |
| Library | 5XLIB | |
| ASSISTANT REGIONAL ADMINISTRATOR FOR PLANNING & MANAGEMENT BRANCH | 5M | |
| Analytic Center | 5MAC | |
| Data Processing Branch | 5MDP | |
| Resource Management Branch | 5MRM | |
| Personnel Branch | 5MP | |
| General Services Branch | 5MGS | |
| Graphic Arts | 5MGS | |
| AIR & HAZARDOUS MATERIALS DIVISION | 5AH | |
| Office of Grants Support | 5AHGS | |
| Office of Toxic Substances | 5AHTS | |
| Air Programs Branch | 5AHTS | |
| Waste Management Branch | 5AHWM | |
| Pesticides Branch | 5AHP | |
| WATER DIVISION | 5W | |
| Assistant Division Director for Construction Grants | 5W | |
| Office of Policy & Evaluation | 5WPE | |
| Environmental Engineering Branch | 5WEE | |
| Facilities Planning Branch | 5WFP | |
| Construction Management Branch | 5WCM | |
| Water Supply Branch | 5WWS | |
| Water Quality Management Branch | 5WWQM | |
| ENFORCEMENT DIVISION | 5E | |
| Air Enforcement | 5EAE | |
| Permit Branch | 5EAE | |
| Water and Hazardous Materials Enforcement Branch | 5EWHME | |
| SURVEILLANCE & ANALYSIS DIVISION | 5S | |
| Quality Assurance Office | 5SQA | |
| Technical Support Branch | 5STS | |
| Environmental Emergency and Investigations Branch | 5SEEI | |
| Central Regional Laboratory | 5SCRL | |
| Central District Office | 5SCD | |
| Eastern District Office | 5SED | |

Info ☐ Per Telecon ☐ Comments ☐ Action ☐

REMARKS

RV 1320 1 (Rev 3 80)

ANALYTICAL RESEARCH LABORATORIES, INC.

160 TAYLOR STREET, P.O. BOX 369, MONROVIA, CALIFORNIA 91016 • (213) 357-3247

3 February 1981

C/14

FEB 5 1981

Mr. Pat Patterson
Contracting Officer (PM-214-M)
HWI/Sample Management Office
P.O. Box 818
Alexandria, VA 22313

Dear Mr. Patterson:

The enclosed copies contain our report on organic Priority Pollutants present in each of five water samples from Region V Samples E-0297, E-0298, E-0299, E-0300 and E-0314 are Case 331. upstream Downstream upstream

blank Pond Discharge

Sincerely,

Doug Baker

Doug Baker

cc: Dr. Theodore Meiggs
Dr. Eugene Meier
Mr. Tom Yates

4894/DNB/ljb

Enclosures

# ORGANICS TRAFFIC REPORT

Sample Number: E 0297

| ① Case Number: | ② Sample Type: (Check One) | ③ Ship To: |
|---|---|---|
| 331 | ___ Run Off | ANALYTICAL LABS |
| | ___ Well | 160 TRADE ST. |
| Sample Site Name/Code: | X Receiving Water | MONROVIA, CA 91016 |
| EST-FC11-1 | ___ Leachate | |
| SAN BERNARDINO COUNTY | ___ Effluent | Attn: |
| SAN BERNARDINO | ___ Other (specify) _____ | DOUG BAKER |

| ④ Regional Office: | ⑤ Mark Volume Level on Sample Bottle | Date Sampled |
|---|---|---|
| Sampling Personnel: | | |
| E. M. BRIESCH (Name) | Extractable | 12/2/80 |
| (213) 688-9415 (Phone) | Extractable | |
| Sampling Date: 12/2/80 (Begin) (End) | Extractable | |
| ⑥ Shipping Information | Extractable | |
| FEDERAL EXPRESS (Name of Shipper) | VOA Unpreserved | 12/2/80 |
| 12/3/80 (Date Shipped) | VOA Unpreserved (Duplicate) | 12/2/80 |
| 0065923103 01 (Airbill Number) | | |
| | | |

E 0297 EXTRACTABLE

E 0297 EXTRACTABLE

E 0297 EXTRACTABLE

⑦ Description of Sample Location:

CREEK AT SOUTH END OF SITE AT ENTRANCE

E 0297

⑧ Special Handling Instructions:
(e.g., safety precautions, hazardous nature)

E 0297

# ORGANICS TRAFFIC REPORT

Sample Number: E 0298

| ① Case Number: | ② Sample Type: (Check One) | ③ Ship To: |
|---|---|---|
| 331 | ___ Run Off | APPLIED RESEARCH LABS |
| Sample Site Name/Code: FT-SC11-1 | ___ Well | 20 TAYLOR ST. |
| ST. [illegible] AT CLIFF | X Receiving Water | MONROVIA, CAL |
| PIMPOLS-2 | ___ Leachate | 91016 |
| | ___ Effluent | Attn: |
| | ___ Other (specify) ___ | DOUG PAPER |

| ④ Regional Office: | ⑤ Mark Volume Level on Sample Bottle | Date Sampled |
|---|---|---|
| Sampling Personnel: E.M. FRIESCH (Name) | Extractable | 12/2/80 |
| 312-663-9415 (Phone) | Extractable | |
| Sampling Date: 12/2/80 (Begin) (End) | Extractable | |
| ⑥ Shipping Information | Extractable | |
| FEDERAL EXPRESS Name of Shipper: | VOA Unpreserved | 12/2/80 |
| 12/3/80 Date Shipped: | VOA Unpreserved (Duplicate) | 12/2/80 |
| 0065923103 01 Airbill Number: | | |

E 0298 EXTRACTABLE

E 0298 EXTRACTABLE

E 0298 EXTRACTABLE

⑦ Description of Sample Location:
CREEK AT EAST END OF SITE
AT R.R. TRACKS

E 0298

⑧ Special Handling Instructions:
(e.g., safety precautions, hazardous nature)

E 0298

# ORGANICS TRAFFIC REPORT

Sample Number: E 0299

① Case Number: 331

Sample Site Name/Code: FS-Scu-1
LANDFILL RD SURREY
PIM201551

② Sample Type: (Check One)
- ___ Run Off
- ___ Well
- X Receiving Water
- ___ Leachate
- ___ Effluent
- ___ Other (specify) ___

③ Ship To:
ANALYTICAL [illegible]
LABS
[illegible] TAYLOR ST
PASADENA, CA
91116

Attn: DOUG BAKER

④ Regional Office:

Sampling Personnel:
E.M. PRIESCH
(Name)
(312) 663-9400
(Phone)

Sampling Date:
12/2/80
(Begin) (End)

⑤ Mark Volume Level on Sample Bottle

| | Date Sampled |
|---|---|
| Extractable | 12/2/80 |
| Extractable | |
| Extractable | |
| Extractable | |
| VOA Unpreserved | 12/2/80 |
| VOA Unpreserved (Duplicate) | 12/2/80 |
| | |
| | |
| | |

E 0299 EXTRACTABLE

E 0299 EXTRACTABLE

E 0299 EXTRACTABLE

⑥ Shipping Information

FEDERAL EXPRESS
Name of Shipper:

12/3/80
Date Shipped:

0065923103 01
Airbill Number:

⑦ Description of Sample Location:
CREEK AT SOUTH END OF SITE
AT ENTRANCE

E 0299

⑧ Special Handling Instructions:
(e.g., safety precautions, hazardous nature)

E 0299

# ORGANICS TRAFFIC REPORT

Sample Number: E 0300

| ① Case Number: | ② Sample Type: (Check One) | ③ Ship To: |
|---|---|---|
| 331 | ___ Run Off | ANALYTICAL RESEARCH LABS |
| Sample Site Name/Code: FS-SW11-1 | ___ Well | 160 [illegible] ST |
| [illegible] | ___ Receiving Water | MONROVIA, CAL 91016 |
| SIMBC1R01 | ___ Leachate | |
| | ___ Effluent | Attn: |
| | X Other (specify) BLANK | DOUG BAKER |

| ④ Regional Office: | ⑤ Mark Volume Level on Sample Bottle | Date Sampled |
|---|---|---|
| Sampling Personnel: E.M. RIESCH (Name) | Extractable | 12/2/80 |
| 312-663-9415 (Phone) | Extractable | |
| Sampling Date: 12/2/80 (Begin) (End) | Extractable | |
| ⑥ Shipping Information | Extractable | |
| FEDERAL EXPRESS Name of Shipper: | VOA Unpreserved | 12/2/80 |
| 12/3/80 Date Shipped: | VOA Unpreserved (Duplicate) | 12/2/80 |
| 0065923103 01 Airbill Number: | | |

E 0300 EXTRACTABLE

E 0300 EXTRACTABLE

E 0300 EXTRACTABLE

E 0300

E 0300

⑦ Description of Sample Location:

BLANK

⑧ Special Handling Instructions:
(e.g., safety precautions, hazardous nature)

U.S. ENVIRONMENTAL PROTECTION AGENCY

# ORGANICS TRAFFIC REPORT

Sample Number: E 0314

① Case Number: 331

Sample Site Name/Code: FS-2011-1 WOODFIELD 2D Quarry 91MB01.S53

② Sample Type: (Check One)

___ Run Off
___ Well
___ Receiving Water
___ Leachate
___ Effluent
X Other (specify) POND DISCHARGE

③ Ship To: ANALITICAL RESEARCH LAB 100 TAYLOR ST. MONROVIA, CALIFORNIA

Attn: DOUG BAKER

④ Regional Office:

Sampling Personnel: F. M. BRIESCH (Name)

312-663-5415 (Phone)

Sampling Date: 12/2/80 (Begin) (End)

⑤ Mark Volume Level on Sample Bottle

| | Date Sampled |
|---|---|
| Extractable | 12/2/80 |
| Extractable | |
| Extractable | |
| Extractable | |
| VOA Unpreserved | 12/2/80 |
| VOA Unpreserved (Duplicate) | 12/2/80 |
| | |
| | |
| | |

E 0314 EXTRACTABLE

E 0314 EXTRACTABLE

E 0314 EXTRACTABLE

⑥ Shipping Information

FEDERAL EXPRESS Name of Shipper:

12/3/80 Date Shipped:

0659231 0301 Airbill Number:

⑦ Description of Sample Location:
DISCHARGE OF POND INTO CREEK AT EAST END OF SITE

E 0314

⑧ Special Handling Instructions:
(e.g., safety precautions, hazardous nature)

E 0314