

## 2021 Hazardous Waste Scanning Project

### File Form Naming Convention.

*(File\_Type).(Program).(Site\_Number).(YYYY-MM-DD).(File\_Name).pdf*

*Note 1: Each category is separated by a period "."*

*Note 2: Each word within category is separated by an underscore "\_"*

Specific File Naming Convention Label:

*Report, HW, 932020, 1995-01-01, LTGWMP-95* .pdf

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OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 9120 DATE: 5/12/95  
WEATHER NOTES: cloudy 60° wind NE  
VOC LEVEL: AMBIENT .2 HEADSPACE .2  
WELL DEPTH: 6.66 FT. WATER DEPTH: TOW 6.66 FT.  
WELL VOLUME: 2.3 GAL. TOTAL VOLUME PURGED 2.3 GAL.  
SAMPLE PURGE DATA: 8.0

@INITIAL — GAL.  
TEMP. 10.9 DEG. F. C  
SPCON 1,200 MOHS  
TURBID. 4.5 NTU'S  
pH 7.5  
TIME 9:53  
HR/MIN —  
PURGE  
VOL. — GALS.

@ 2.5 GAL.  
TEMP. 9.5 DEG. F. C  
SPCON 1,200 MOHS  
TURBID. 3.7 NTU'S  
pH 7.45  
TIME 9:53  
HR/MIN 5  
PURGE  
VOL. 2.5 GALS.

@ 5 GAL.  
TEMP. 9.8 DEG. F. C  
SPCON 1,200 MOHS  
TURBID. 7.0 NTU'S  
pH 7.48  
TIME 10:06A.  
HR/MIN 7  
PURGE  
VOL. 2.5 GALS.

@ 7.5 GAL.  
TEMP. 10.1 DEG. F. C  
SPCON 1,200 MOHS  
TURBID. 18.9 NTU'S  
pH 7.38  
TIME 10:03A  
HR/MIN 3  
PURGE  
VOL. 8.0 GALS.

@ final GAL.  
TEMP. 10.1 DEG. F.  
SPCON 1,200 MOHS  
TURBID. 18.9 NTU'S  
pH 7.39  
TIME 10:10A.m  
HR/MIN —  
PURGE  
VOL. — GALS

SAMPLING  
@ — GAL.  
TEMP. 10.7 DEG. F. C  
SPCON 1100 MOHS  
TURBID. 46 NTU'S  
pH 7.41  
TIME 1020  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS

Init Water @ 9:53 odorless, clear  
final water @ 10:10 odorless, cloudy  
Sampling w/Q Cloudy & Brown, no odor, no selen

TIME SAMPLED: 1020 DATE: 5/12/95  
QA/QC? Y/N (MS?) (MSD?) FIELD BLANK? —  
DEC SPLIT? Y/N (N) VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Sullivan, Crockett  
PERSON/S SAMPLING Sullivan, Crockett, Lynch

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

17.75'

STATION # 9125 DATE: 5/12/95  
WEATHER NOTES: Overcast, 50°  
VOC LEVEL: AMBIENT 0.3 HEADSPACE 0.3  
WELL DEPTH: 26.0 FT. WATER DEPTH: TOW 8.26 FT.  
WELL VOLUME: 2.8 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.  
SAMPLE PURGE DATA:

1x  
@INITIAL 0 GAL.  
TEMP. 9.9 DEG. F.  
SPCON 1,800 MOHS  
TURBID. 1.8 NTU'S  
pH 7.06  
TIME 10:40  
HR/MIN —  
PURGE  
VOL. 3 GALS.

@ 3 GAL.  
TEMP. 9.8 DEG. F.  
SPCON 1,700 MOHS  
TURBID. 1.85 NTU'S  
pH 7.18  
TIME 10:49 A  
HR/MIN 9  
PURGE  
VOL. 3 GALS.

@ 6 GAL.  
TEMP. 9.6 DEG. F.  
SPCON 1,700 MOHS  
TURBID. 14.1 NTU'S  
pH 7.33  
TIME 10:55  
HR/MIN 6  
PURGE  
VOL. 3 GALS.

@ 9 GAL.  
TEMP. 10.2 DEG. F.  
SPCON 1,700 MOHS  
TURBID. 17.5 NTU'S  
pH 7.3  
TIME 10:59  
HR/MIN 4  
PURGE  
VOL. 3 GALS.

@ Final GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

SAMPLING  
@ — GAL.  
TEMP. 10.3 DEG. F. ce  
SPCON 1,600 MOHS  
TURBID. NM \* 55 NTU'S  
pH 7.18  
TIME 1115  
HR/MIN —  
PURGE  
VOL. — GALS.

\* Turbidimeter inoperative

REMARKS/OBSERVATIONS

Initial water very clear & odorless,  
starting to cloud up during purge ~ 6 gal

Sample - cloudy - brown, no sheen, no odor

TIME SAMPLED: 1115 DATE: 5/12/95

QA/QC? Y/N MS? MSD? FIELD BLANK? \_\_\_\_\_

DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_

PERSON/S PURGING Crockett, Lynch

PERSON/S SAMPLING Crockett, Lynch

OCcidental CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 9140 DATE: 5/12/95  
WEATHER NOTES: Overcast 55°  
VOC LEVEL: AMBIENT 0.3 HEADSPACE 0.3  
WELL DEPTH: 29.4 FT. WATER DEPTH: TOW 8.44 FT.  
WELL VOLUME: 3.35 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.  
SAMPLE PURGE DATA:

1x @ INITIAL 0 GAL.  
TEMP. ~~20.0~~ 12.9 DEG. X C  
SPCON 2,100 MOHS  
TURBID. 32.3 NTU'S  
pH 6.82  
TIME 1:20 P  
HR/MIN —  
PURGE  
VOL. 3.5 GALS.

@ 3.5 GAL.  
TEMP. 12.5 DEG. X C  
SPCON 2,000 MOHS  
TURBID. 4.0 NTU'S  
pH 6.87  
TIME 1:27 P  
HR/MIN 7  
PURGE  
VOL. 3.5 GALS.

@ 7.0 GAL.  
TEMP. 13.2 DEG. X C  
SPCON 2,000 MOHS  
TURBID. 1.7 NTU'S  
pH 6.87  
TIME 1:39 P  
HR/MIN 12  
PURGE  
VOL. 3.5 GALS.

@ 10.5 GAL.  
TEMP. 13.4 DEG. X C  
SPCON 2,000 MOHS  
TURBID. 4.2 NTU'S  
pH 6.91  
TIME 1:56 P  
HR/MIN 17  
PURGE  
VOL. 3.5 GALS.

@ final GAL.  
TEMP. 13.2 DEG. F  
SPCON 2,000 MOHS  
TURBID. NM NTU'S  
pH 6.94  
TIME 2:08 P.m.  
HR/MIN 12  
PURGE  
VOL. — GALS

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. X C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS

1st Water Ptg cloudy, muddy, no odor  
final " " muddy, no odor

Rinse Blanked Bailor used to sample this well  
\* Battery failure on Turbidimeter

TIME SAMPLED: 1400 DATE: 5/12/95

QA/QC? Y/N MS? MSD? FIELD BLANK? \_\_\_\_\_

DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_

PERSON/S PURGING PARKHILL, CROCKETT, LYNCH

PERSON/S SAMPLING PARKHILL, CROCKETT, LYNCH

**OCcidental CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10113 DATE: 5/12/95  
WEATHER NOTES: Overcast 55°F  
VOC LEVEL: AMBIENT A.2 HEADSPACE A.2  
WELL DEPTH: ~~5.5~~ 27.7 FT. WATER DEPTH: TOW ~~3.5~~ 5.5 FT.  
WELL VOLUME: 3.57 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.  
SAMPLE PURGE DATA:

@ INITIAL 0 GAL.  
TEMP. 12.6 DEG. F. C  
SPCON 2,000 MOHS  
TURBID. 15.0 NTU'S  
pH 7.16  
TIME 2:24p  
HR/MIN —  
PURGE  
VOL. 3.6 GALS.

@ 3.6 GAL.  
TEMP. 11.7 DEG. F. C  
SPCON 2,100 MOHS  
TURBID. 3.5 NTU'S  
pH 7.00  
TIME 2:30p.m.  
HR/MIN 6  
PURGE  
VOL. 3.6 GALS.

@ 7.2 GAL.  
TEMP. 10.4 DEG. F. C  
SPCON 2,100 MOHS  
TURBID. 3.5 NTU'S  
pH 6.99  
TIME 1436  
HR/MIN 6  
PURGE  
VOL. 3.6 GALS.

@ 10.4 GAL.  
TEMP. 13.8 DEG. F. C  
SPCON 1,200 MOHS  
TURBID. 8.0 NTU'S  
pH 7.01  
TIME 2:46p.m.  
HR/MIN 10  
PURGE  
VOL. 3.6 GALS.

@ final GAL.  
TEMP. 13.9 DEG. F. C  
SPCON 2,100 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.13  
TIME 14:58  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS possible bright orange rust of fluorine part  
well was service  
Int well water pty slight brown color odorless  
Final W/Q - sampling - 5.1. Cldy, lt. brown, no odor, no steel

TIME SAMPLED: 1455 DATE: 5/12/95  
QA/QC? Y/N MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_  
PERSON/S PURGING \_\_\_\_\_  
PERSON/S SAMPLING Packhill, Crockett, Lynch

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 10278 DATE: 5/9/95

WEATHER NOTES: Overcast

VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2

WELL DEPTH: 47 FT. WATER DEPTH: TOW 12.33 FT.

WELL VOLUME: 5.5 GAL. TOTAL VOLUME PURGED GAL.

SAMPLE PURGE DATA:

@INITIAL 0 GAL. TEMP. 12.58 DEG. F.C SPCON 6200 MOHS TURBID. 5.42 NTU'S pH 13.1 TIME 11:00 A.M. HR/MIN PURGE VOL. GALS.

1K

@ 5.5 GAL. TEMP. 13.3 DEG. F.C SPCON 3800 MOHS TURBID. 6.30 NTU'S pH 10.78 TIME 11:09 A.M. HR/MIN 9 PURGE VOL. GALS.

@ 11.0 GAL. TEMP. 13.3 DEG. F.C SPCON 4500 MOHS TURBID. 3.4 NTU'S pH 7.49 TIME 11:17 A.M. HR/MIN 8 PURGE VOL. GALS.

@ 16.5 GAL. TEMP. 13.4 DEG. F.C SPCON 4500 MOHS TURBID. .22 NTU'S pH 7.20 TIME 11:26 A.M. HR/MIN 9 PURGE VOL. GALS.

@ Final GAL. TEMP. 12.7 DEG. F.C SPCON 4500 MOHS TURBID. 5.3 NTU'S pH 7.35 TIME HR/MIN PURGE VOL. GALS.

@ GAL. TEMP. DEG. F.C SPCON MOHS TURBID. NTU'S pH TIME HR/MIN PURGE VOL. GALS.

REMARKS/OBSERVATIONS

Initial water QTV clear odorless
Final water QTV clear sulfide smell

SPLIT with DEC

TIME SAMPLED: 11:37 A.M. DATE: 5/9/95

QA/QC? Y/N MS? MSD? FIELD BLANK?

DEC SPLIT? (Y) VOA'S, BNA'S, PESTICIDES/PCB'S

PERSON/S PURGING Parkhill, Crockett, Lynch

PERSON/S SAMPLING

OCcidental CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 10272 DATE: 5/8/95  
WEATHER NOTES: Clear, sunny, 50°, south wind  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2  
WELL DEPTH: 47.7 FT. WATER DEPTH: TOW 14.06 FT.  
WELL VOLUME: 5.4 GAL. TOTAL VOLUME PURGED 16.2 GAL.  
SAMPLE PURGE DATA:

*tk*  
@INITIAL 0 GAL.  
TEMP. 11.3 DEG. °C  
SPCON 800 MOHS  
TURBID. 18.6 NTU'S  
pH 8.34  
TIME 11:14<sup>am</sup>  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. 0 GALS.

@ 5.4 GAL.  
TEMP. 11.1 DEG. °C  
SPCON 4500 MOHS  
TURBID. 2.6 NTU'S  
pH 6.97  
TIME 11:20  
HR/MIN 9min  
PURGE \_\_\_\_\_  
VOL. 5.4 GALS.

@ 10.8 GAL.  
TEMP. 11.2 DEG. °C  
SPCON 4500 MOHS  
TURBID. 2.8 NTU'S  
pH 6.93  
TIME 11:29<sup>am</sup>  
HR/MIN 9  
PURGE \_\_\_\_\_  
VOL. 10.8 GALS.

@ 16.2 GAL.  
TEMP. 11.4 DEG. °C  
SPCON 4300 MOHS  
TURBID. 1.75 NTU'S  
pH 6.85  
TIME 11:38  
HR/MIN 9min  
PURGE \_\_\_\_\_  
VOL. 16.2 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. °C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS

@ Sample GAL.  
TEMP. 10.7 DEG. °C  
SPCON 800 MOHS  
TURBID. 13 NTU'S  
pH 8.30  
TIME 11:45  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS

Initial - cloudy, no odor, strong sulfide odor 2nd volume

Final - cloudy, strong odor

TIME SAMPLED: 11:45 DATE: 5/8/95

QA/QC? Y MS? \_\_\_\_\_ MSD? FIELD BLANK? \_\_\_\_\_

DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_

PERSON/S PURGING Parkhill, Crockett, Lynch

PERSON/S SAMPLING Parkhill, Crockett, Lynch

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 9118 DATE: 5/8/95  
WEATHER NOTES: Clear, sunny, 50° South Wind  
VOC LEVEL: AMBIENT .02 HEADSPACE 0  
WELL DEPTH: 35.5 FT. WATER DEPTH: TOW 12.4' FT.  
WELL VOLUME: 3.70 GAL. TOTAL VOLUME PURGED 12 GAL.

SAMPLE PURGE DATA:

ck @INITIAL 0 GAL.  
TEMP. 9.5 DEG. C  
SPCON 1000 MOHS  
TURBID. 11.4 NTU'S  
pH 7.17  
TIME 9:50 Am  
HR/MIN —  
PURGE  
VOL. 0 GALS.

@ 4 GAL.  
TEMP. 10.2 DEG. C  
SPCON 1000 MOHS  
TURBID. 7.8 NTU'S  
pH 7.00  
TIME 9:57  
HR/MIN 7 mi  
PURGE  
VOL. 4 GALS.

@ 8 GAL.  
TEMP. 10.8 DEG. C  
SPCON 1025 MOHS  
TURBID. 4.6 NTU'S  
pH 7.05  
TIME 10:02  
HR/MIN 5 min  
PURGE  
VOL. 8 GALS.

@ 12 GAL.  
TEMP. 11.9 DEG. C  
SPCON 1025 MOHS  
TURBID. 4.3 NTU'S  
pH 7.04  
TIME 10:07  
HR/MIN 5 min  
PURGE  
VOL. 12 GALS.

@        GAL.  
TEMP.        DEG. C  
SPCON        MOHS  
TURBID.        NTU'S  
pH         
TIME         
HR/MIN         
PURGE  
VOL.        GALS

@        GAL.  
TEMP. 10.83 DEG. C  
SPCON 1025 MOHS  
TURBID. 11 NTU'S  
pH 7.03  
TIME 1020  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS

Initial - slight cloudy, no odor

Final - Sl. Cloudy, no odor

TIME SAMPLED: 1020 DATE: 5/8/95

QA/QC? YN MS? MSD? FIELD BLANK?       

DEC SPLIT? YN VOA'S, BNA'S, PESTICIDES/PCB'S       

PERSON/S PURGING Parkhill, Crockett, Lynch

PERSON/S SAMPLING Parkhill, Crockett, Lynch



**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 9115 DATE: 5/8/95  
WEATHER NOTES: clear, sunny, 50°, South Wind  
VOC LEVEL: AMBIENT .02 HEADSPACE 0  
WELL DEPTH: 19.5 FT. WATER DEPTH: TOW 7.94 FT.  
WELL VOLUME: 1.85 GAL. TOTAL VOLUME PURGED 6 GAL.  
**SAMPLE PURGE DATA:**

*lk*  
@INITIAL 0 GAL.  
TEMP. 7.4 DEG. °C  
SPCON 1050 MOHS  
TURBID. — NTU'S  
pH 6.98  
TIME 9:00  
HR/MIN —  
PURGE  
VOL. 0 GALS.

@ 2 GAL.  
TEMP. 7.9 DEG. °C  
SPCON 1050 MOHS  
TURBID. 16 NTU'S  
pH 7.05  
TIME 9:05  
HR/MIN 2  
PURGE  
VOL. 2 GALS.

@ 4 GAL.  
TEMP. 7.8 DEG. °C  
SPCON 1050 MOHS  
TURBID. 2.5 NTU'S  
pH 7.05  
TIME 9:07  
HR/MIN 2  
PURGE  
VOL. 4 GALS.

@ 6 GAL.  
TEMP. 8.2 DEG. °C  
SPCON 1050 MOHS  
TURBID. 2.8 NTU'S  
pH 7.05  
TIME 9:09  
HR/MIN 2  
PURGE  
VOL. 6 GALS.

@ — GAL.  
TEMP. — DEG. °C  
SPCON — MOHS  
TURBID. — NTU'S  
pH —  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

@ Sample GAL.  
TEMP. 8.9 DEG. °C  
SPCON 1050 MOHS  
TURBID. 25 NTU'S  
pH 7.06  
TIME —9:20AM  
HR/MIN —  
PURGE  
VOL. — GALS

**REMARKS/OBSERVATIONS**

Final - block, low odor

Final - grey, no odor

TIME SAMPLED: 9:20 AM DATE: 5/8/95

QA/QC? Y/N MS? MSD? (FIELD BLANK) 12015

DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S

PERSON/S PURGING Parkhill, Crockett, Lynch

PERSON/S SAMPLING Parkhill, Crockett, Lynch

OCcidental CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 8140 DATE: 5/5/91  
WEATHER NOTES: clear, 55° wind southerly  
VOC LEVEL: AMBIENT .02 HEADSPACE 0  
WELL DEPTH: 32.0 FT. WATER DEPTH: TOW 10.9 FT.  
WELL VOLUME: 3.4 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.  
SAMPLE PURGE DATA:

@ INITIAL 0 GAL.  
TEMP. 12.9 DEG. C  
SPCON 900 MOHS  
TURBID. .9 NTU'S  
pH 7.85  
TIME 9:47  
HR/MIN —  
PURGE  
VOL. 0 GALS.

@ 3.4 GAL.  
TEMP. 12.6 DEG. C  
SPCON 900 MOHS  
TURBID. .2 NTU'S  
pH 7.63  
TIME 9:50  
HR/MIN 7 min  
PURGE  
VOL. 3.4 GALS.

@ 6.8 GAL.  
TEMP. 13.1 DEG. C  
SPCON 900 MOHS  
TURBID. 4.6 NTU'S  
pH 7.59  
TIME 10:50 Am.  
HR/MIN —  
PURGE  
VOL. 6.8 GALS.

@ 10.2 GAL.  
TEMP. 12.8 DEG. C  
SPCON 850 MOHS  
TURBID. 24 NTU'S  
pH 7.56  
TIME 11:09  
HR/MIN —  
PURGE  
VOL. 10.2 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. R.C.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

@ Sample GAL.  
TEMP. 12.9 DEG. C  
SPCON 900 MOHS  
TURBID. 23 NTU'S  
pH 7.59  
TIME \_\_\_\_\_ 11:15 Am  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS

Initial - clear, no odor  
Final - slight brown cloudy  
Stopped @ 1/2 volume to let well recharge  
Hand Packed final volumes  
TIME SAMPLED: 11:15 DATE: 5/5/91  
QA/QC? Y MS? \_\_\_\_\_ MSD? \_\_\_\_\_ FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_  
PERSON/S PURGING Parkhill, Crockett, Foulke  
PERSON/S SAMPLING Parkhill, Crockett, Foulke

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 9110 DATE: 5/5/95  
WEATHER NOTES: Clear, 55, wind southeast  
VOC LEVEL: AMBIENT .02 HEADSPACE .02  
WELL DEPTH: 24.5 FT. WATER DEPTH: TOW 12.65 FT.  
WELL VOLUME: 1.9 GAL. TOTAL VOLUME PURGED 6 GAL.  
SAMPLE PURGE DATA:

@INITIAL 0 GAL.  
TEMP. 12.9 DEG. C  
SPCON 950 MOHS  
TURBID. 88 NTU'S  
pH 7.3  
TIME 10:12  
HR/MIN ---  
PURGE  
VOL. 0 GALS.

@ 2 GAL.  
TEMP. 12.1 DEG. C  
SPCON 950 MOHS  
TURBID. 3.7 NTU'S  
pH 7.3  
TIME 10:15  
HR/MIN 3 min  
PURGE  
VOL. 2 GALS.

@ 4 GAL.  
TEMP. 11.3 DEG. C  
SPCON 950 MOHS  
TURBID. 24 NTU'S  
pH 7.36  
TIME 10:18  
HR/MIN 3 min  
PURGE  
VOL. 4 GALS.

@ 6 GAL.  
TEMP. 11.5 DEG. C  
SPCON 950 MOHS  
TURBID. 77 NTU'S  
pH 7.48  
TIME 10:21  
HR/MIN 3 min  
PURGE  
VOL. 6 GALS.

@ --- GAL.  
TEMP. --- DEG. C  
SPCON --- MOHS  
TURBID. --- NTU'S  
pH ---  
TIME ---  
HR/MIN ---  
PURGE  
VOL. --- GALS

@ --- GAL.  
TEMP. 12.0 DEG. C  
SPCON 950 MOHS  
TURBID. 119 NTU'S  
pH 7.35  
TIME 10:30 AM  
HR/MIN ---  
PURGE  
VOL. --- GALS

REMARKS/OBSERVATIONS  
Initial - brown cloudy no odor  
Final - brown, cloudy no odor

TIME SAMPLED: 10:30 am DATE: 5/5/95  
QA/QC? Y MS? MSD? FIELD BLANK? ---  
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Portchill, Crockett, Foulke  
PERSON/S SAMPLING Portchill, Crockett, Foulke

OCcidental CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 8130 DATE: 5/5/95  
WEATHER NOTES: clear, 50°, Wind Southeast  
VOC LEVEL: AMBIENT 02 HEADSPACE 0  
WELL DEPTH: 70.2 FT. WATER DEPTH: TOW 14.35 FT.  
WELL VOLUME: 2.5 GAL. TOTAL VOLUME PURGED 7.5 GAL.  
SAMPLE PURGE DATA:

1K @INITIAL 0 GAL.  
TEMP. 12.7 DEG. C  
SPCON 1600 MOHS  
TURBID. 60 NTU'S  
pH 7.00  
TIME 9:05 Am  
HR/MIN -  
PURGE  
VOL. 0 GALS.

@ 2.5 GAL.  
TEMP. 12.3 DEG. C  
SPCON 1800 MOHS  
TURBID. 14.00 NTU'S  
pH 6.94  
TIME 9:10  
HR/MIN 5 min  
PURGE  
VOL. 2.5 GALS.

@ 5.0 GAL.  
TEMP. 12.1 DEG. C  
SPCON 1900 MOHS  
TURBID. 3.5 NTU'S  
pH 6.94  
TIME 9:15  
HR/MIN 5 min  
PURGE  
VOL. 5.0 GALS.

@ 7.5 GAL.  
TEMP. 11.7 DEG. C  
SPCON 2000 MOHS  
TURBID. 3.0 NTU'S  
pH 7.03  
TIME 9:19  
HR/MIN 4 min  
PURGE  
VOL. 7.5 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

@ Sample GAL.  
TEMP. 10.9 DEG. C  
SPCON 1650 MOHS  
TURBID. 5.6 NTU'S  
pH 6.86  
TIME 9:20 Am  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS  
Initial - brown, no odor, silty  
Final - clear, no odor

TIME SAMPLED: 9:30 Am DATE: 5/5/95  
QA/QC? Y/ MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/ VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Parkhill, Crockett, Foulke  
PERSON/S SAMPLING Parkhill, Crockett, Foulke

OCcidental CHEMICAL COROPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 7130 DATE: 5/1/95  
WEATHER NOTES: PTLY CLDY 55° LT NE WIND  
VOC LEVEL: AMBIENT 0 HEADSPACE 0-0.1  
WELL DEPTH: 28.0 FT. WATER DEPTH: TOW 13.6 FT.  
WELL VOLUME: 2.30 GAL. TOTAL VOLUME PURGED 7.5 GAL.  
SAMPLE PURGE DATA:

@INITIAL Ø GAL.  
TEMP. 12.4° DEG. F. C  
SPCON 1500 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.35  
TIME 10:33A.  
HR/MIN Ø  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 2.5 GAL.  
TEMP. 11.8° DEG. F. C  
SPCON 1100 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.21  
TIME 10:36am  
HR/MIN 3  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 5 GAL.  
TEMP. 11.9° DEG. F. C  
SPCON 1100 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.28  
TIME 11:39  
HR/MIN 3  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 7.5 GAL.  
TEMP. 11.9 DEG. F.  
SPCON 1100 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.2  
TIME 11:45  
HR/MIN 6  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

SAMPLING  
@INITIAL \_\_\_\_\_ GAL.  
TEMP. 12.6 DEG. F.  
SPCON 1000 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.36  
TIME 1355  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS Trt water QTY cloudy, no odor, trace sediment  
Colorless FINAL Clear, colorless, no sheen, no odor

SAMPLING QUALITY: Clear, Colorless, no sheen, no sediment

TIME SAMPLED: 1355 DATE: 5/1/95  
QA/QC? Y (N) MS? MSD? FIELD BLANK?  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S PERSON/S  
PURGING SP, KPL, DC

PERSON/S SAMPLING SP, KL, DC, MM

*Also weighted bottles*

OCcidental CHEMICAL COROPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 7132 DATE: 5/1/95  
WEATHER NOTES: Mostly Cloudy N. Wind  
VOC LEVEL: AMBIENT 0 HEADSPACE 0  
WELL DEPTH: 28.0 FT. WATER DEPTH: TOW 13.32 FT.  
WELL VOLUME: 2.35 GAL. TOTAL VOLUME PURGED 12.0 GAL.  
SAMPLE PURGE DATA:

@INITIAL 0 GAL.  
TEMP. 11.8 DEG. F. C  
SPCON 590 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 11.27  
TIME 2:10 p.m.  
HR/MIN 0  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 2.4 GAL.  
TEMP. 11.7 DEG. F. C  
SPCON 510 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 10.85  
TIME 2:13  
HR/MIN 3  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 4.8 GAL.  
TEMP. 7.93/12.3 DEG. F.  
SPCON 960 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.93  
TIME 2:16 p.m.  
HR/MIN 2  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 7.2 GAL.  
TEMP. 12.6 DEG. F. C  
SPCON 1050 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.46  
TIME 2:20 p.m.  
HR/MIN 4  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 9.6 GAL.  
TEMP. 12.7 DEG. F. C  
SPCON 1050 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.37  
TIME 2:26  
HR/MIN 6  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 12.0 GAL.  
TEMP. 12.1 DEG. F.  
SPCON 1100 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.36  
TIME 2:30 p.m.  
HR/MIN 4  
PURGE  
VOL. \_\_\_\_\_ GALS.

Final  
1150 moas  
7.63 ph  
12.4 Temp  
3:22 p.m.

REMARKS/OBSERVATIONS  
Int water QTY Clear Colorless ~~odorless~~ sulfide odor  
final water QTY - same

TIME SAMPLED: 3:02 p.m. DATE: 5/1/95  
QA/QC? Y/N MS? MSD? FIELD BLANK?  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S PERSON/S  
PURGING SP mm DL KPL

PERSON/S SAMPLING \_\_\_\_\_

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # Well 3257 DATE: 5/3/95  
WEATHER NOTES: Partly Cloudy, Calm, 55°  
VOC LEVEL: AMBIENT 4 HEADSPACE .8  
WELL DEPTH: 29.4 FT. WATER DEPTH: TOW 11.86 FT.  
WELL VOLUME: 2.80 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.  
SAMPLE PURGE DATA:

11- @INITIAL 0 GAL.  
TEMP. 12.8 DEG. F.  
SPCON 2400 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 8.39  
TIME 10:48A  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. 0 GALS.

@ 3 GAL.  
TEMP. 12.3 DEG. F.  
SPCON 2900 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.01  
TIME 10:58A  
HR/MIN 10:58A 10  
PURGE  
VOL. 3 GALS.

@ 6 GAL.  
TEMP. 12.1 DEG. F.  
SPCON 2900 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.00  
TIME 11:02  
HR/MIN 4  
PURGE  
VOL. 6 GALS.

@ 9 GAL.  
TEMP. 12.2 DEG. F.  
SPCON 2900 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.99  
TIME 11:05  
HR/MIN 3  
PURGE  
VOL. 9 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ Sample GAL.  
TEMP. 12.2 DEG. F.  
SPCON 2850 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.99  
TIME 11:15AM  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

REMARKS/OBSERVATIONS 2" PVC inside of 4" casing  
int DTV cloudy looks like grit no odor

TIME SAMPLED: 11:15 DATE: 5/3/95  
QA/QC? (Y/N) MS? (Y/N) MSD? (Y/N) FIELD BLANK? (Y/N) FIELD DUPLICATE # 12010 Time 1200  
DEC SPLIT? (Y/N) VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING D. CROCKETT, K. SULLIVAN  
PERSON/S SAMPLING D. CROCKETT, K. SULLIVAN

OCcidental CHEMICAL COROPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

25.30 FT  
0.16 gal/ft

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 7120 DATE: 5/1/95

WEATHER NOTES: PTLY CLDY 50°

VOC LEVEL: AMBIENT 0 HEADSPACE 0

WELL DEPTH: 31.20 FT. WATER DEPTH: TOW 5.90' FT.

WELL VOLUME: 3.75 GAL. TOTAL VOLUME PURGED 12 GAL.

SAMPLE PURGE DATA:

@INITIAL 3750 GAL.  
TEMP. 7.48 11.3 DEG. F. <sup>C</sup>  
SPCON 2000 MOHS  
TURBID. NA NTU'S  
pH 7.48  
TIME 10:40am  
HR/MIN 10  
PURGE  
VOL.        GALS.

@INITIAL 4 GAL.  
TEMP. 11.8 DEG. F. <sup>C</sup>  
SPCON 2000 MOHS  
TURBID.        NTU'S  
pH 7.23  
TIME 10:48am  
HR/MIN 10 8  
PURGE  
VOL.        GALS.

@INITIAL 8 GAL.  
TEMP. 11.8 DEG. F. <sup>C</sup>  
SPCON 2000 MOHS  
TURBID.        NTU'S  
pH 7.19  
TIME 10:55am  
HR/MIN 10 7  
PURGE  
VOL.        GALS.

@INITIAL 12 GAL.  
TEMP. 12.6 DEG. F. <sup>C</sup>  
SPCON 2000 MOHS  
TURBID. 1 NTU'S  
pH 7.84  
TIME 11:12am  
HR/MIN 17  
PURGE  
VOL.        GALS.

@INITIAL        GAL.  
TEMP.        DEG. F.  
SPCON        MOHS  
TURBID.        NTU'S  
pH         
TIME         
HR/MIN         
PURGE  
VOL.        GALS.

SAMPLING  
@INITIAL        GAL.  
TEMP. 12.4 DEG. F.  
SPCON 1900 MOHS  
TURBID.        NTU'S  
pH 7.34  
TIME 1337  
HR/MIN         
PURGE  
VOL.        GALS.

REMARKS/OBSERVATIONS IN IS W/L QUALITY CLEAR  
DRY AT 3 WELL VOLUMES (12 GALS)  
Final water pty clear, no odor, no solids

Sampling Quality Clear, colorless, no sheen, no odor

TIME SAMPLED: 1330 DATE: 5/1/95

QA/QC? Y MS? MSD? FIELD BLANK?       

DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S PERSON/S       

PURGING SP, KPL, DC, MM

PERSON/S SAMPLING KPL, SP, DC, MM

Non weighted bailer



**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # Well 3151 DATE: 5/3/95  
WEATHER NOTES: Partly Cloudy - Calm, 55°  
VOC LEVEL: AMBIENT 0.4 HEADSPACE φ  
WELL DEPTH: 25.1 FT. WATER DEPTH: TOW 6.6 FT.  
WELL VOLUME: 2.9 GAL. TOTAL VOLUME PURGED 5.5 GAL.  
**SAMPLE PURGE DATA:**

@INITIAL <u>φ</u> GAL.	@ <u>3</u> GAL.	@ <u>5.5</u> GAL.
TEMP. <u>11.5</u> DEG. F.	TEMP. <u>12.1</u> DEG. F.	TEMP. <u>13.2</u> DEG. F.
<u>1K</u> -SPCON <u>1,200</u> MOHS	SPCON <u>1,360</u> MOHS	SPCON <u>1,400</u> MOHS
TURBID. _____ NTU'S	TURBID. _____ NTU'S	TURBID. _____ NTU'S
pH <u>8.10</u>	pH <u>8.00</u>	pH <u>8.05</u>
TIME <u>9:00 AM</u>	TIME <u>9:08</u>	TIME <u>9:16</u>
HR/MIN <u>φ</u>	HR/MIN <u>8</u>	HR/MIN <u>8</u>
PURGE	PURGE	PURGE
VOL. <u>3</u> GALS.	VOL. <u>3</u> GALS.	VOL. <u>5.5</u> GALS.
@ <u>9</u> GAL.	@ _____ GAL.	@ <u>Sample</u> GAL.
TEMP. _____ DEG. F.	TEMP. _____ DEG. F.	TEMP. <u>12.7</u> DEG. F.
SPCON _____ MOHS	SPCON _____ MOHS	SPCON <u>650</u> MOHS
TURBID. _____ NTU'S	TURBID. _____ NTU'S	TURBID. _____ NTU'S
pH _____	pH _____	pH <u>7.82</u>
TIME _____	TIME _____	TIME _____
HR/MIN _____	HR/MIN _____	HR/MIN _____
PURGE	PURGE	PURGE
VOL. _____ GALS.	VOL. _____ GALS.	VOL. _____ GALS.

REMARKS/OBSERVATIONS  
Init Sample cloudy brown no odor  
well went dry at 5.5 GALS  
final Qty cloudy no odor

TIME SAMPLED: 2:15pm DATE: 5/3/95  
QA/QC? Y MS? \_\_\_\_\_ MSD? \_\_\_\_\_ FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_  
PERSON/S PURGING Crockett, Sullivan  
PERSON/S SAMPLING Crockett, Sullivan

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 7205 DATE: 5/2/95
WEATHER NOTES: Overcast, 45°, NE WIND
VOC LEVEL: AMBIENT 04 HEADSPACE 0
WELL DEPTH: 49.6 FT. WATER DEPTH: TOW 13.09 FT.
WELL VOLUME: 5.8 GAL. TOTAL VOLUME PURGED 24 GAL.
SAMPLE PURGE DATA:

@ INITIAL 0 GAL.
TEMP. 10 DEG. F. C
SPCON 900 MOHS
TURBID. - NTU'S
pH 7.17
TIME 9:00 AM
HR/MIN 0
PURGE
VOL. 0 GALS.

@ 6 GAL.
TEMP. 11.1 DEG. F. C
SPCON 2000 MOHS
TURBID. - NTU'S
pH 7.05
TIME 9:10 AM
HR/MIN 10 min
PURGE
VOL. 6 GALS.

@ 12 GAL.
TEMP. 10.8 DEG. F. C
SPCON 2400 MOHS
TURBID. - NTU'S
pH 7.01
TIME 9:20 AM
HR/MIN 10 min
PURGE
VOL. 12 GALS.

@ 18 GAL.
TEMP. 11.2 DEG. F. C
SPCON 2500 MOHS
TURBID. - NTU'S
pH 6.85
TIME 9:30 AM
HR/MIN 10 min
PURGE
VOL. 18 GALS.

@ 24 GAL.
TEMP. 11.6 DEG. F. C
SPCON 2600 MOHS
TURBID. - NTU'S
pH 6.90
TIME 9:39 AM
HR/MIN 9 min
PURGE
VOL. 24 GALS.

SAMPLING
@ - GAL.
TEMP. 10.6° DEG. F. C
SPCON 2350 MOHS
TURBID. - NTU'S
pH 7.11
TIME 0950 start
HR/MIN
PURGE
VOL. GALS

REMARKS/OBSERVATIONS Purged w/ peristaltic pump
Initial w/c - clear, no odor

FINAL Clear, colorless, sulfide odor, no sheen

TIME SAMPLED: 9:50 AM DATE: 5/2/95

QA/QC? Y/N MS? MSD? FIELD BLANK?

DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S Duplicate

PERSON/S PURGING Crackett, Lynch, Parkhill, Moore

PERSON/S SAMPLING Crackett, Parkhill, Moore, Lynch

unweighted
baird

OCCIDENTAL CHEMICAL CORPORATION

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GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 8210 DATE: 5/2/95  
 WEATHER NOTES: Sunny, 55° NE Wind  
 VOC LEVEL: AMBIENT 4th .04 HEADSPACE 0  
 WELL DEPTH: 44.1 FT. WATER DEPTH: TOW 12.35 FT.  
 WELL VOLUME: 5.08 GAL. TOTAL VOLUME PURGED 15 GAL.  
SAMPLE PURGE DATA:

@INITIAL 0 GAL.  
 TEMP. 12.6 DEG. F.C  
 SPCON 1200 MOHS  
 TURBID. - NTU'S  
 pH 7.31  
 TIME 11:15 Am  
 HR/MIN 0  
 PURGE  
 VOL. 0 GALS.

@ 5 GAL.  
 TEMP. 11.8 DEG. F.C  
 SPCON 2400 MOHS  
 TURBID. - NTU'S  
 pH 6.95  
 TIME 11:23 Am  
 HR/MIN 8 min  
 PURGE  
 VOL. 5 GALS.

@ 10 GAL.  
 TEMP. 13.7 DEG. F.C  
 SPCON 2400 MOHS  
 TURBID. - NTU'S  
 pH 7.07  
 TIME 11:29 Am  
 HR/MIN 6 min  
 PURGE  
 VOL. 10 GALS.

@ 15 GAL.  
 TEMP. 13.1 DEG. F.C  
 SPCON 2450 MOHS  
 TURBID. - NTU'S  
 pH 6.97  
 TIME 11:36 Am  
 HR/MIN 7 min  
 PURGE  
 VOL. 15 GALS.

@ \_\_\_\_\_ GAL.  
 TEMP. \_\_\_\_\_ DEG. F.C  
 SPCON \_\_\_\_\_ MOHS  
 TURBID. \_\_\_\_\_ NTU'S  
 pH \_\_\_\_\_  
 TIME \_\_\_\_\_  
 HR/MIN \_\_\_\_\_  
 PURGE  
 VOL. \_\_\_\_\_ GALS

@ SAMPLING GAL.  
 TEMP. 11.7 DEG. F.C  
 SPCON 2400 MOHS  
 TURBID. \_\_\_\_\_ NTU'S  
 pH 7.10  
 TIME \_\_\_\_\_  
 HR/MIN \_\_\_\_\_  
 PURGE  
 VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS  
Initial - Clear, no odor  
Final Water Quality - clear, colorless, no sheen, sulfide Odor

TIME SAMPLED: 1350 DATE: 5/2/95  
 QA/QC? Y MS? MSD? FIELD BLANK?  
 DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S Duplicate  
 PERSON/S PURGING Moore, Crockett, Parkhill, Lynch  
 PERSON/S SAMPLING Moore, crockett, Parkhill, Lynch

unweighted  
bairlor

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 9205 DATE: 5/2/95  
WEATHER NOTES: Sunny, 55°F NE Wind  
VOC LEVEL: AMBIENT .03 HEADSPACE 0  
WELL DEPTH: 47.0 FT. WATER DEPTH: TOW 11.36 FT.  
WELL VOLUME: 5.7 GAL. TOTAL VOLUME PURGED 18 GAL.  
**SAMPLE PURGE DATA:**

000 @INITIAL 0 GAL.  
TEMP. 13.7 DEG. C  
SPCON 680 MOHS  
TURBID. — NTU'S  
pH 8.49  
TIME 12:00 Noon  
HR/MIN 0  
PURGE  
VOL. 0 GALS.

@ 6 GAL.  
TEMP. 13.2 DEG. C  
SPCON 3900 MOHS  
TURBID. — NTU'S  
pH 6.97  
TIME 12:09 PM  
HR/MIN 9 min  
PURGE  
VOL. 6 GALS.

@ 12 GAL.  
TEMP. 13.7 DEG. F. C  
SPCON 3800 MOHS  
TURBID. — NTU'S  
pH 6.95  
TIME 12:14 PM  
HR/MIN 5 min  
PURGE  
VOL. 12 GALS.

@ 18 GAL.  
TEMP. 13.0 DEG. C  
SPCON 4000 MOHS  
TURBID. — NTU'S  
pH 6.96  
TIME 12:21  
HR/MIN 7 min  
PURGE  
VOL. 18 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

SAMPLING  
@ \_\_\_\_\_ GAL.  
TEMP. 11.6 DEG. F. C  
SPCON 3600 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.08  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

**REMARKS/OBSERVATIONS**

Initial water - clear no odor  
FINAL WATER Clear, colorless, no sheen, sulfide odor

TIME SAMPLED: 1415 DATE: 5/2/95

QA/QC? Y MS? MSD? FIELD BLANK? \_\_\_\_\_

DEC SPLIT? Y N VOA'S, BNA'S, PESTICIDES/PCB'S

PERSON/S PURGING Crockett, Lynch, Parkhill

PERSON/S SAMPLING Crockett, Parkhill, Moore, Lynch

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 7155 DATE: 5/1/95  
WEATHER NOTES: cloudy North Wind  
VOC LEVEL: AMBIENT φ HEADSPACE φ  
WELL DEPTH: 26.9 FT. WATER DEPTH: TOW 12.42 FT.  
WELL VOLUME: 2.3 GAL. TOTAL VOLUME PURGED 6.9 GAL.  
SAMPLE PURGE DATA:

1K → @INITIAL φ GAL.  
TEMP. 12.6 DEG. F. C  
SPCON 1150 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.20  
TIME 2.44 P.m.  
HR/MIN φ  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 2.3 GAL.  
TEMP. 12.6 DEG. F. C  
SPCON 1150 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.15  
TIME 2.49  
HR/MIN 5  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 4.6 GAL.  
TEMP. 13.0 DEG. F. C  
SPCON 1200 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.18  
TIME 2.53 P.m.  
HR/MIN 4  
PURGE  
VOL. \_\_\_\_\_ GALS.

@INITIAL 6.9 GAL.  
TEMP. 12.8 DEG. F. C  
SPCON 1250 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.15  
TIME 2.59 P.m.  
HR/MIN 6  
PURGE  
VOL. \_\_\_\_\_ GALS.

Final  
@INITIAL \_\_\_\_\_ GAL.  
TEMP. 12.9 DEG. F. C  
SPCON 1800 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.24  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

@INITIAL \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS

Int water Qty cloudy, silt, odorless  
Final water Qty clearer, no silt, odorless, slight Sulfur S smell  
Final cloudy, sulfide odor

TIME SAMPLED: 15:30 DATE: 5/1/95  
QA/QC? Y/N MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S PERSON/S \_\_\_\_\_  
PURGING SP, mm, KPL, DC

PERSON/S SAMPLING \_\_\_\_\_

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 7161 DATE: 5/3/95  
WEATHER NOTES: overcast, 60°, North wind  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2  
WELL DEPTH: 21.5 FT. WATER DEPTH: TOW 14.6 FT.  
WELL VOLUME: 1.1 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.  
**SAMPLE PURGE DATA:**

*lk* @INITIAL 0 GAL.  
TEMP. 14.2 DEG. C  
SPCON 2800 MOHS  
TURBID. - NTU'S  
pH 6.97  
TIME 1:38 pm  
HR/MIN -  
PURGE  
VOL. 0 GALS.

@ 1 GAL.  
TEMP. 12.1 DEG. C  
SPCON 2750 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.02  
TIME 1:40  
HR/MIN 2  
PURGE  
VOL. 1 GALS.

@ 2 GAL.  
TEMP. 12.1 DEG. F  
SPCON 2750 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.07  
TIME 1:42  
HR/MIN 2  
PURGE  
VOL. 2 GALS.

@ 3 GAL.  
TEMP. 13.4 DEG. C  
SPCON 2650 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.03  
TIME 1:45  
HR/MIN 3  
PURGE  
VOL. 3 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ Sample GAL.  
TEMP. 13.0 DEG. F  
SPCON 2300 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.79  
TIME 2:00  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

REMARKS/OBSERVATIONS  
Initial w/c - Brown color, no odor  
Final w/c - Brown, no odor

TIME SAMPLED: 1400 DATE: 5/3/95  
QA/QC? Y MS? N MSD? N FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_  
PERSON/S PURGING Crockett, Sullivan, Parkhill  
PERSON/S SAMPLING Crockett, Sullivan, Parkhill

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 8120 DATE: 5/4/95  
WEATHER NOTES: clear, 60°, NE wind  
VOC LEVEL: AMBIENT .02 HEADSPACE -0  
WELL DEPTH: 29.2 FT. WATER DEPTH: TOW 8.77 FT.  
WELL VOLUME: 7.3 GAL. TOTAL VOLUME PURGED 10.5 GAL.  
SAMPLE PURGE DATA:

1K @INITIAL 0 GAL.  
TEMP. 12.9 DEG. °C  
SPCON 2200 MOHS  
TURBID. 3.0 NTU'S  
pH 7.20  
TIME 12:05  
HR/MIN 0  
PURGE  
VOL. 0 GALS.

@ 3.5 GAL.  
TEMP. 13.8 DEG. °C  
SPCON 2100 MOHS  
TURBID. .65 NTU'S  
pH 7.14  
TIME 12:44 p.m.  
HR/MIN 9  
PURGE  
VOL. 3.5 GALS.

@ 7.0 GAL.  
TEMP. 13.5 DEG. °C  
SPCON 2000 MOHS  
TURBID. 6.0 NTU'S  
pH 7.29  
TIME 12:23 p.m.  
HR/MIN 9  
PURGE  
VOL. 7.0 GALS.

@ 10.5 GAL.  
TEMP. 14.1 DEG. °C  
SPCON 2150 MOHS  
TURBID. 5 NTU'S  
pH 7.15  
TIME 12:34 p.m.  
HR/MIN 9  
PURGE  
VOL. 10.5 GALS.

@ final GAL.  
TEMP. 15.7 DEG. °C  
SPCON 2200 MOHS  
TURBID. 27 NTU'S  
pH 7.31  
TIME 2:06 p.m.  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. °C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS INITIAL W/O. Clear, colorless, no sheen, no odor  
Final <sup>PH</sup> Brown fine brown trace sediments

TIME SAMPLED: \_\_\_\_\_ DATE: \_\_\_\_\_  
QA/QC? Y MS? \_\_\_\_\_ MSD? \_\_\_\_\_ FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Parkhill, Crockett, Lynch  
PERSON/S SAMPLING \_\_\_\_\_

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 8110 DATE: 5/4/95  
WEATHER NOTES: Clear, NE wind  
VOC LEVEL: AMBIENT 0.02 HEADSPACE 0  
WELL DEPTH: 29.0 FT. WATER DEPTH: TOW 10.11 FT.  
WELL VOLUME: 2.7 GAL. TOTAL VOLUME PURGED 9 GAL.  
**SAMPLE PURGE DATA:**

@ INITIAL 0 GAL.  
TEMP. 13.4 DEG. C  
SPCON 990 MOHS  
TURBID. 1.5 NTU'S  
pH 7.08  
TIME 11:25  
HR/MIN 0  
PURGE  
VOL. 0 GALS.

@ 3 GAL.  
TEMP. 12.0 DEG. C  
SPCON 990 MOHS  
TURBID. 1.5 NTU'S  
pH 6.96  
TIME 11:21  
HR/MIN 6 min  
PURGE  
VOL. 3 GALS.

@ 6 GAL.  
TEMP. 12.7 DEG. C  
SPCON 990 MOHS  
TURBID. 1.3 NTU'S  
pH 6.99  
TIME 11:27  
HR/MIN 6 min  
PURGE  
VOL. 6 GALS.

@ 9 GAL.  
TEMP. 14.2 DEG. C  
SPCON 990 MOHS  
TURBID. 2.8 NTU'S  
pH 7.18  
TIME 11:39  
HR/MIN 12 min  
PURGE  
VOL. 9 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

@ Sample GAL.  
TEMP. 13.6 DEG. C  
SPCON 990 MOHS  
TURBID. 7.5 NTU'S  
pH 7.27  
TIME 11:50  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS  
Initial - clear - no odor  
Final - level dropped - brown, cloudy

TIME SAMPLED: 11:50 AM DATE: 5/4/95  
QA/QC? Y MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Parkhill, Groot, Lynch  
PERSON/S SAMPLING Parkhill, Lynch



OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 5222 DATE: 5/4/95  
WEATHER NOTES: clear  
VOC LEVEL: AMBIENT .02 HEADSPACE φ  
WELL DEPTH: 37.4 FT. WATER DEPTH: TOW 12.96 FT.  
WELL VOLUME: ~~1296~~ 15.88 GAL. TOTAL VOLUME PURGED 15.8848 GAL.  
SAMPLE PURGE DATA:

@INITIAL <u>0</u> GAL. TEMP. <u>10.7</u> DEG. <u>°C</u> SPCON <u>3,600</u> MOHS TURBID. <u>17</u> NTU'S pH <u>8.7</u> TIME <u>8:38</u> HR/MIN <u>-</u> PURGE VOL. <u>0</u> GALS.	@ <u>16</u> GAL. TEMP. <u>11.5</u> DEG. <u>°C</u> SPCON <u>4,200</u> MOHS TURBID. <u>&gt;200</u> NTU'S pH <u>7.02</u> TIME <u>8:58</u> HR/MIN <u>20</u> PURGE VOL. <u>16</u> GALS.	@ <u>32</u> GAL. TEMP. <u>12.2</u> DEG. <u>°C</u> SPCON <u>4,400</u> MOHS TURBID. <u>6</u> NTU'S pH <u>6.90</u> TIME <u>9:20</u> HR/MIN <u>22 min</u> PURGE VOL. <u>32</u> GALS.
@ <u>48</u> GAL. TEMP. <u>12.4</u> DEG. <u>°C</u> SPCON <u>4,400</u> MOHS TURBID. <u>5</u> NTU'S pH <u>6.86</u> TIME <u>9:50</u> HR/MIN <u>30 min</u> PURGE VOL. <u>48</u> GALS.	@ <u>      </u> GAL. TEMP. <u>      </u> DEG. <u>°C</u> SPCON <u>      </u> MOHS TURBID. <u>      </u> NTU'S pH <u>      </u> TIME <u>      </u> HR/MIN <u>      </u> PURGE VOL. <u>      </u> GALS.	SAMPLING @ <u>      </u> GAL. TEMP. <u>12.0°</u> DEG. <u>°C</u> SPCON <u>4000</u> MOHS TURBID. <u>6 +/-</u> NTU'S pH <u>6.90</u> TIME <u>10:10</u> HR/MIN <u>-</u> PURGE VOL. <u>-</u> GALS.

REMARKS/OBSERVATIONS  
Casing is Carbon steel  
Int Qty Brown Color - water turned real dark in sediment at 15 GALS  
With H2S Odor  
Final Water Quality: Dark color, clear, H2S odor, trace dark settled sediments  
TIME SAMPLED: 1000 DATE: 5/4/95  
QA/QC? Y MS? MSD? FIELD BLANK?         
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S         
PERSON/S PURGING Parkhill, Crockett, Lynch  
PERSON/S SAMPLING PARKHILL, LYNCH

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 1151 A DATE: 5/16/95  
WEATHER NOTES: Sunny, 70°, East Wind  
VOC LEVEL: AMBIENT 0 HEADSPACE 0  
WELL DEPTH: 27.7 FT. WATER DEPTH: TOW 8.35 FT.  
WELL VOLUME: 3.0 GAL. TOTAL VOLUME PURGED 4.5 GAL.  
SAMPLE PURGE DATA:

W @INITIAL 0 GAL.  
TEMP. 14.8 DEG. F.C.  
SPCON 1100 MOHS  
TURBID. 1.6 NTU'S  
pH 7.43  
TIME 0  
HR/MIN 1409  
PURGE  
VOL. 0 GALS.

@ 3 GAL.  
TEMP. 14.8 DEG. F.C.  
SPCON 1200 MOHS  
TURBID. 1.22 NTU'S  
pH 7.41  
TIME 7  
HR/MIN 1416  
PURGE  
VOL. 3 GALS.

@ 4.5 GAL.  
TEMP. Inoperative DEG. F.  
SPCON 1200 MOHS  
TURBID. 14.6 NTU'S  
pH Inoperative  
TIME 9  
HR/MIN 1425  
PURGE  
VOL. 4.5 GALS.

SAMPLING

@ 5/17 GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

REMARKS/OBSERVATIONS Dry after 1.5 volumes, sl, cldy,  
lt brown at end of purge.  
Sampling went dry will have to come back  
2x40ml VOA } @ 0915  
2x12 BNA }

TIME SAMPLED: 9:15 A DATE: 5/17/95  
QA/QC? Y/N MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_  
PERSON/S PURGING Parkhill, Crockett, Lynch

PERSON/S SAMPLING \_\_\_\_\_

OCcidental CHEMICAL CORPORATION

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GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 6209 DATE: 5/17/95  
WEATHER NOTES: overcast, 55°, no wind (west)  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2  
WELL DEPTH: 42.0 FT. WATER DEPTH: TOW 14.0 FT.  
WELL VOLUME: 18.2 GAL. TOTAL VOLUME PURGED 55.5 GAL.  
SAMPLE PURGE DATA:

@INITIAL — GAL.  
TEMP. 12.9 DEG. °C  
SPCON 5700 MOHS  
TURBID. 1.2 NTU'S  
pH 7.30  
TIME 9:45 A.M.  
HR/MIN —  
PURGE  
VOL. — GALS.

@ 18.5 GAL.  
TEMP. 12.8 DEG. °C  
SPCON 6000 MOHS  
TURBID. .15 NTU'S  
pH 6.68  
TIME 10:26  
HR/MIN 46 min  
PURGE  
VOL. 18.5 GALS.

@ 37 GAL.  
TEMP. 12.7 DEG. °C  
SPCON 5800 MOHS  
TURBID. NR NTU'S  
pH 6.67  
TIME 11:09 A.M.  
HR/MIN 43  
PURGE  
VOL. 38.5 GALS.

@ 55.5 GAL.  
TEMP. 13.0 DEG. °C  
SPCON 5900 MOHS  
TURBID. .06 NTU'S  
pH 6.63  
TIME 2:05 P.M.  
HR/MIN 64  
PURGE  
VOL. 48.5 GALS.

@ — GAL.  
TEMP. — DEG. °C  
SPCON — MOHS  
TURBID. — NTU'S  
pH —  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

@ Sample GAL.  
TEMP. 12.9 DEG. F.  
SPCON 5900 MOHS  
TURBID. — NTU'S  
pH 6.64  
TIME 12:15 PM  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS  
MS / MSD  
Initial - black, no odor  
Final clear, strong sulfide odor

TIME SAMPLED: 12:15 PM DATE: 5/17/95  
QA/QC? YN MS MSD FIELD BLANK? Yes 12020  
DEC SPLIT? YN VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Crockett, Parkhill  
PERSON/S SAMPLING Crockett, Parkhill

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10174B DATE: 5/17/95  
WEATHER NOTES: Overcast, 55, Westwind  
VOC LEVEL: AMBIENT HEADSPACE \_\_\_\_\_  
WELL DEPTH: 22.9 FT. WATER DEPTH: TOW 8.1 FT.  
WELL VOLUME: 2.4 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.  
SAMPLE PURGE DATA:

*12*  
@INITIAL 0 GAL.  
TEMP. 12.4 DEG. C  
SPCON 100 MOHS  
TURBID. 11.5 NTU'S  
pH 7.83  
TIME 10:43A  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. 0 GALS.

@ 2.5 GAL.  
TEMP. 11.8 DEG. C  
SPCON 100 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.57  
TIME 10:46A  
HR/MIN 3  
PURGE  
VOL. 2.5 GALS.

@ 5.0 GAL.  
TEMP. \_\_\_\_\_ DEG. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. 5.0 GALS.

@ 7.5 GAL.  
TEMP. \_\_\_\_\_ DEG. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. 7.5 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ Sample GAL.  
TEMP. 11.6 DEG. C  
SPCON 950 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 7.74  
TIME 12:40pm  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

REMARKS/OBSERVATIONS Clear  
Just water, 0th ~~clear~~ (water) no odor  
well went dry  
Final - clear, no odor

TIME SAMPLED: 12:40pm DATE: 5/17/95  
QA/QC? Y MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Parkhill, Crockett  
PERSON/S SAMPLING Parkhill Crockett

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION# 10225A DATE: 5/26/95
WEATHER NOTES: SUN 65°
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.6
WELL DEPTH: 213.0 FT. WATER DEPTH: TOW 12.82' FT.
WELL VOLUME: 32.02 GAL. TOTAL VOLUME PURGED GAL.
SAMPLE PURGE DATA: Airlift

@INITIAL 0 GAL.
TEMP. 17.6 DEG. F.
SPCON > 10,000 MOHS
TURBID. Nm NTU'S
pH 7.26
TIME 10:05 A.M.
HR/MIN
PURGE
VOL. 0 GALS.

@ 32 GAL.
TEMP. 15.6 DEG. F.
SPCON > 10,000 MOHS
TURBID. Nm NTU'S
pH 7.44
TIME 1:35 P.
HR/MIN 3:35
PURGE
VOL. 32.0 GALS.

@ 48 GAL. DRY
TEMP. 13.3 DEG. F.
SPCON > 10,000 MOHS
TURBID. NM NTU'S
pH 6.50
TIME 1430
HR/MIN
PURGE
VOL. 48 GALS.

SAMPLES - Bailers
@ GAL.
TEMP. DEG. F.
SPCON MOHS
TURBID. NTU'S
pH
TIME
HR/MIN
PURGE
VOL. GALS.

@ GAL.
TEMP. DEG. F.
SPCON MOHS
TURBID. NTU'S
pH
TIME
HR/MIN
PURGE
VOL. GALS.

@ GAL.
TEMP. DEG. F.
SPCON MOHS
TURBID. NTU'S
pH
TIME
HR/MIN
PURGE
VOL. GALS.

REMARKS/OBSERVATIONS

1st water PTY - Clear pinkish, changes to dark, black,
strong H2S odor, Black floaters.
Final - black, cloudy, strong odor

TIME SAMPLED: 1500 DATE: 5/26/95

QA/QC? Y (N) MS? MSD? FIELD BLANK?

DEC SPLIT? Y (N) VOA'S, BNA'S, PESTICIDES/PCB'S

PERSON/S PURGING Crockett, Parkhill, Lynch

PERSON/S SAMPLING Crockett, Parkhill, Lynch

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 10215 DATE: 5/14/95  
WEATHER NOTES: Sunny 70° W S Wind  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2  
WELL DEPTH: 60.0 FT. WATER DEPTH: TOW 13.65 FT.  
WELL VOLUME: 9.42 GAL. TOTAL VOLUME PURGED 22.5 GAL.  
SAMPLE PURGE DATA:

lh @INITIAL 0 GAL.  
TEMP. 16.4 DEG. F. ✓  
SPCON 2100 MOHS  
TURBID. 2.4 NTU'S  
pH 7.97  
TIME 11:08  
HR/MIN 0  
PURGE  
VOL. 0 GALS.

@ 7.5 GAL.  
TEMP. 14.0 DEG. F. ✓  
SPCON 7900 MOHS  
TURBID. 2.8 NTU'S  
pH 6.74  
TIME 11:22 A  
HR/MIN 12  
PURGE  
VOL. 7.5 GALS.

@ 15 GAL.  
TEMP. 15.6 DEG. F. ✓  
SPCON 4700 MOHS  
TURBID. 1.6 NTU'S  
pH 6.76  
TIME 11:40  
HR/MIN 18m  
PURGE  
VOL. 15 GALS.

@ 22.5 GAL.  
TEMP. 16.0 DEG. F. ✓  
SPCON 4600 MOHS  
TURBID. 1.1 NTU'S  
pH 6.76  
TIME 11:57 AM  
HR/MIN 17 min  
PURGE  
VOL. 22.5 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

JK @ \_\_\_\_\_ GAL.  
TEMP. 13.2° DEG. F.  
SPCON ~~2100~~ 2100 MOHS  
TURBID. 4.2 NTU'S  
pH 8.01  
TIME 12:25  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS

REMARKS/OBSERVATIONS \_\_\_\_\_  
\_\_\_\_\_ Clear, trace rusty flakes, vis. H2S odor \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TIME SAMPLED: \_\_\_\_\_ DATE: \_\_\_\_\_  
QA/QC? Y MS? \_\_\_\_\_ MSD? \_\_\_\_\_ FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_  
PERSON/S PURGING Parkhill, Crockett, Lynch, Moore  
PERSON/S SAMPLING Parkhill, Moore, Crockett, Lynel

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

39.92' Water

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 10205 DATE: 5/16/95  
WEATHER NOTES: Sunny, 62°F, East winds  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2  
WELL DEPTH: 54 FT. WATER DEPTH: TOW 14.08 FT.  
WELL VOLUME: 6.4 GAL. TOTAL VOLUME PURGED 20 GAL.  
SAMPLE PURGE DATA:

OK @INITIAL 0 GAL.  
TEMP. 19.9 DEG. F. C  
SPCON 5300 MOHS  
TURBID. 1.3 NTU'S  
pH 6.81  
TIME 10:05 AM  
HR/MIN —  
PURGE  
VOL. 0 GALS.

@ 6.4 GAL.  
TEMP. 14.0 DEG. F. C  
SPCON 5400 MOHS  
TURBID. .3 NTU'S  
pH 6.77  
TIME 10:15  
HR/MIN 10 min  
PURGE  
VOL. 6.4 GALS.

@ 12.8 GAL.  
TEMP. 14.5 DEG. F. C  
SPCON 5400 MOHS  
TURBID. .07 NTU'S  
pH 6.78  
TIME 10:28  
HR/MIN 10 min  
PURGE  
VOL. 12.8 GALS.

@ 19.2 GAL.  
TEMP. 15.0 DEG. F. C  
SPCON 5300 MOHS  
TURBID. .12 NTU'S  
pH 6.7  
TIME 10:40  
HR/MIN 10 min  
PURGE  
VOL. 19.2 GALS.

@ — GAL.  
TEMP. — DEG. F.  
SPCON — MOHS  
TURBID. — NTU'S  
pH —  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

SAMPLING  
@ — GAL.  
TEMP. 14.7° DEG. F.  
SPCON 4300 MOHS  
TURBID. 2.3 NTU'S  
pH 6.67  
TIME 12:10  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS Water turns dark after 1 gal purged -  
Strong H<sub>2</sub>S Odor, black staining on glassware. Occasional  
exhaust fumes from cars on eastbound Casalle Expy.

SAMPLING - Clear, colorless, H<sub>2</sub>S odor, no sheen.

TIME SAMPLED: 1210 DATE: 5/16/95

QA/QC? YMS? MSD? FIELD BLANK? —

DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S

PERSON/S PURGING Crockett, Lynch, Parkhill

PERSON/S SAMPLING Crockett, Moore, Lynch

OCCIDENTAL CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 9210 DATE: 5/16/95  
WEATHER NOTES: Sunny 62°F EAST winds  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2  
WELL DEPTH: 82.3 FT. WATER DEPTH: TOW 17.68 FT.  
WELL VOLUME: 10.33 GAL. TOTAL VOLUME PURGED 31.5 GAL.  
SAMPLE PURGE DATA:

1k @INITIAL 0 GAL.  
TEMP. 17.4 DEG. F.  
SPCON 1800 MOHS  
TURBID. 0.2 NTU'S  
pH 7.36  
TIME 9:35 AM  
HR/MIN —  
PURGE  
VOL. 0 GALS.

@ 10.5 GAL.  
TEMP. 14.7 DEG. F.  
SPCON 5200 MOHS  
TURBID. 0.3 NTU'S  
pH 6.79  
TIME 9:54  
HR/MIN 19 min  
PURGE  
VOL. 10.5 GALS.

@ 21 GAL.  
TEMP. 17.4 DEG. F.  
SPCON 5200 MOHS  
TURBID. 0.3 NTU'S  
pH 6.75  
TIME 10:14  
HR/MIN 20 min  
PURGE  
VOL. 21 GALS.

@ 31.5 GAL.  
TEMP. 14.1 DEG. F.  
SPCON 5400 MOHS  
TURBID. 0.20 NTU'S  
pH 6.77  
TIME 10:34  
HR/MIN 20 min  
PURGE  
VOL. 31.5 GALS.

@        GAL.  
TEMP.        DEG. F.  
SPCON        MOHS  
TURBID.        NTU'S  
pH         
TIME         
HR/MIN         
PURGE  
VOL.        GALS

SAMPLES  
@        GAL.  
TEMP. 13.3 DEG. F.  
SPCON 1800 MOHS  
TURBID. 4.6 NTU'S  
pH 7.97  
TIME 11:50  
HR/MIN         
PURGE  
VOL.        GALS

REMARKS/OBSERVATIONS  
Initial - water clear no odor, 2nd vol strong sulfide odor  
DOT - spraying weeds - orange paint in well  
Final - clear, strong sulfide odor  
Same, 1

TIME SAMPLED:        DATE:         
QA/QC? Y/N MS? MSD? FIELD BLANK?         
DEC SPLIT?  V/N VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Crockett, Packhill, Lynch, Moore  
PERSON/S SAMPLING



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**InStream, LLC**



Roy F. Weston, Inc.  
208 Welsh Pool Road  
Lionville, Pennsylvania 19341-1225  
610-701-6100 • Fax 610-701-6141

**FACSIMILE TRANSMITTAL**  
**208 Laboratory - 2nd Floor**  
**FAX 610-701-6141**

TO: OXY - Love Canal attn:  
Mr. Parkhill

Recipient's Telecopy  
Telephone # 716-283-1553  
Recipient's Telephone # \_\_\_\_\_

FROM: Mike Young

Originator's Telephone # \_\_\_\_\_

TOTAL PAGES: 2 (incl. cover sheet)

DATE: 5/6/95

W.O. #: \_\_\_\_\_

COMMENTS:  
Here is the scope as I received it.  
Let's review this afternoon or tomorrow to make  
sure we get the DC samples covered.  
Please do not hesitate to call if  
you have any questions.  
Regards,  
Mike

Providing quality environmental management and consulting engineering services for over 40 years in the areas of:

- Analytical Testing/Characterization
- Air Quality
- Water Quality/Wastewater
- Hazardous, Solid, Radioactive Waste
- Health and Safety

- Life Sciences
- Strategic Environmental Management
- Information Management
- Construction/Remediation
- Geosciences

55 Offices Worldwide

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**SCOPE OF WORK  
OCCIDENTAL CHEMICAL CORPORATION  
NIAGARA FALLS, NEW YORK**

<i>Parameters</i>	<i>No. of Samples (Groundwater)</i>	<i>Field Duplicates</i>	<i>MS/MSD</i>	<i>Field Blanks</i>	<i>Trip Blanks</i>	<i>Total</i>
TCL VOC/SVOC/ Pest./PCB	38	4	5/5	2	12*	54 (1)

**Notes:**

- \* Trip blanks will be analyzed for TCL VOCs only.
- (1) Total does not include VOC analysis on approximately 12 trip blanks to be submitted during the sampling event.
- TCL Target Compound List
- VOC Volatile Organic Compounds
- SVOC Semi-Volatile Organic Compounds
- Pest./PCBs Pesticides/Polychlorinated Biphenyls

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10135 DATE: 6/1/95

WEATHER NOTES: Sunny, Warm

VOC LEVEL: AMBIENT 0.2 HEADSPACE 10.0

WELL DEPTH: 40 FT. WATER DEPTH: TOW 15.55 FT.

WELL VOLUME: 3.91 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.

**SAMPLE PURGE DATA:**

*1R*  
@INITIAL 0 GAL.  
TEMP. 19.4 DEG. F. C  
SPCON 2700 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.63  
TIME 1:45 P.m.  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. 0 GALS.

@ 4 GAL.  
TEMP. 18.2 DEG. F. C  
SPCON 21800 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.81  
TIME 2:10 P.m.  
HR/MIN 25  
PURGE \_\_\_\_\_  
VOL. 4 GALS.

@ 8 GAL.  
TEMP. \_\_\_\_\_ DEG. F. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS.

@ <sup>Sample</sup> \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F. C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS.

REMARKS/OBSERVATIONS  
Jet Water QTY Dark grey w/odour

TIME SAMPLED: \_\_\_\_\_ DATE: \_\_\_\_\_

QA/QC?  MS? MSD? FIELD BLANK? \_\_\_\_\_

DEC SPLIT?  VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_

PERSON/S PURGING Parkhill, Crockett

PERSON/S SAMPLING Parkhill, Crockett

OCcidental CHEMICAL CORPORATION

GROUNDWATER FIELD SAMPLE/PURGE RECORD

LOVE CANAL LONG TERM MONITORING PROGRAM

STATION # 10225c DATE: 6/1/85  
WEATHER NOTES: Sunny, warm, 70°  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2  
WELL DEPTH: 66 FT. WATER DEPTH: TOW 13.48 FT.  
WELL VOLUME: 8.4 GAL. TOTAL VOLUME PURGED 26 gal GAL.  
SAMPLE PURGE DATA:

@ INITIAL 0 GAL.  
TEMP. 15.1 DEG. F.C  
SPCON 2300 MOHS  
TURBID. — NTU'S  
pH 7.04  
TIME 11:35 AM  
HR/MIN —  
PURGE  
VOL. — GALS.

@ 8.5 GAL.  
TEMP. 15.7 DEG. F.C  
SPCON 3,500 MOHS  
TURBID. — NTU'S  
pH 7.07  
TIME 12:05 P.M.  
HR/MIN 30  
PURGE  
VOL. 8.5 GALS.

@ 17 GAL.  
TEMP. 15.5 DEG. F.C  
SPCON 3,100 MOHS  
TURBID. — NTU'S  
pH 7.13  
TIME 12:29 P  
HR/MIN 24  
PURGE  
VOL. 17 GALS.

@ 20.5 GAL.  
TEMP. 15.2 DEG. F.C  
SPCON 3,100 MOHS  
TURBID. — NTU'S  
pH 7.13  
TIME 12:53  
HR/MIN 24  
PURGE  
VOL. 25.5 GALS.

@ — GAL.  
TEMP. — DEG. F.C  
SPCON — MOHS  
TURBID. — NTU'S  
pH —  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

@ SAMPLE GAL.  
TEMP. 14.8 DEG. F.C  
SPCON 2,100 MOHS  
TURBID. — NTU'S  
pH 7.81  
TIME 1:11 PM  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TIME SAMPLED: 1:11 PM DATE: 6/1/85  
QA/QC? Y/N MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y/N VOA'S BNA'S PESTICIDES/PCB'S  
PERSON/S PURGING Parkhill, Crockett  
PERSON/S SAMPLING Parkhill, Crockett, MOORE (DEC)

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10210B DATE: 6/1/95  
WEATHER NOTES: Sunny, warm, 70°  
VOC LEVEL: AMBIENT 0 HEADSPACE 0  
WELL DEPTH: 139 FT. WATER DEPTH: TOW 13.0 FT.  
WELL VOLUME: 20.16 GAL. TOTAL VOLUME PURGED 60 GAL.  
SAMPLE PURGE DATA:

@ INITIAL 0 GAL.  
TEMP. 14.2 DEG. C  
SPCON 46,000 MOHS  
TURBID. — NTU'S  
pH 7.90  
TIME 9:00 AM  
HR/MIN —  
PURGE  
VOL. 0 GALS.

@ 20 GAL.  
TEMP. 17.3 DEG. C  
SPCON 9000 MOHS  
TURBID. — NTU'S  
pH 7.72  
TIME 9:30  
HR/MIN 30mi  
PURGE  
VOL. 20 GALS.

@ 40 GAL.  
TEMP. 14.6 DEG. C  
SPCON 8400 MOHS  
TURBID. — NTU'S  
pH 7.10  
TIME 10:00  
HR/MIN 30mi  
PURGE  
VOL. 40 GALS.

@ 60 GAL.  
TEMP. 14.3 DEG. C  
SPCON 9400 MOHS  
TURBID. — NTU'S  
pH 7.18  
TIME 10:30  
HR/MIN 30mi  
PURGE  
VOL. — GALS.

@ — GAL.  
TEMP. — DEG. C  
SPCON — MOHS  
TURBID. — NTU'S  
pH —  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

@ Sample GAL.  
TEMP. 15.0 DEG. C  
SPCON 8,700 MOHS  
TURBID. — NTU'S  
pH 9.24  
TIME 10:48 A  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS  
Init - Clear - slight odor  
Final - yellowish no odor

TIME SAMPLED: — DATE: 6/1/95  
QA/QC? Y/N MS? MSD? FIELD BLANK? —  
DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S —  
PERSON/S PURGING Parkhill, Crockett  
PERSON/S SAMPLING Parkhill, Crockett

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10210C DATE: 6/1/95  
WEATHER NOTES: Sunny, Warm, 70°  
VOC LEVEL: AMBIENT 0 HEADSPACE 0  
WELL DEPTH: 84 FT. WATER DEPTH: TOW 12.72 FT.  
WELL VOLUME: 11.4 GAL. TOTAL VOLUME PURGED 33.5 GAL.  
SAMPLE PURGE DATA:

@INITIAL 0 GAL.  
TEMP. 13.7 DEG. F.C  
SPCON 5,400 MOHS  
TURBID. — NTU'S  
pH 7.05  
TIME 9:00 AM  
HR/MIN —  
PURGE  
VOL. — GALS.

@ 11.5 GAL.  
TEMP. 14.4 DEG. F.C  
SPCON 5,300 MOHS  
TURBID. — NTU'S  
pH 6.86  
TIME 9:25 A  
HR/MIN 35  
PURGE  
VOL. 11.5 GALS.

@ 22 GAL.  
TEMP. 17.9 DEG. F.C  
SPCON 5,500 MOHS  
TURBID. — NTU'S  
pH 6.90  
TIME 10:12 A  
HR/MIN 36  
PURGE  
VOL. 22 GALS.

@ 33.5 GAL.  
TEMP. 17.7 DEG. F.C  
SPCON 5,500 MOHS  
TURBID. — NTU'S  
pH 6.85  
TIME 10:45  
HR/MIN 35  
PURGE  
VOL. 33.5 GALS.

@ final GAL.  
TEMP. 14.5 DEG. F.C  
SPCON 5,500 MOHS  
TURBID. — NTU'S  
pH 6.86  
TIME 11:10 A.M.  
HR/MIN —  
PURGE  
VOL. — GALS

@ — GAL.  
TEMP. — DEG. F.C  
SPCON — MOHS  
TURBID. — NTU'S  
pH —  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS  
Int water QTY Black odor

TIME SAMPLED: \_\_\_\_\_ DATE: \_\_\_\_\_  
QA/QC? YN MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? YN VOA'S, BNA'S, PESTICIDES/PCB'S \_\_\_\_\_  
PERSON/S PURGING Parkhill, Crockett  
PERSON/S SAMPLING Parkhill, Crockett

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10210A DATE: 5/25/95  
WEATHER NOTES: Cloudy, overcast, cool, 50°  
VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.6  
WELL DEPTH: 216 FT. WATER DEPTH: TOW 9.30 FT.  
WELL VOLUME: \_\_\_\_\_ GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.

**SAMPLE PURGE DATA:**

1K  
@INITIAL 2 GAL.  
TEMP. 15.8 DEG. °C  
SPCON 210,000 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.40  
TIME 10:29 Am  
HR/MIN 1.5 min  
PURGE  
VOL. 2 GALS.

@ 33 GAL.  
TEMP. 16.0 DEG. °C  
SPCON 210,000 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.65  
TIME 1407  
HR/MIN 3 hr 37 min  
PURGE  
VOL. 33 GALS.

@ 48 GAL. DRY  
TEMP. \_\_\_\_\_ DEG. °C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME 1500  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ SAMPLING GAL.  
TEMP. 14.5° DEG. °C  
SPCON 100,000 MOHS <sup>1000x10</sup>  
TURBID. NM NTU'S <sub>w x10 extender</sub>  
pH 6.62  
TIME 1530  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. °C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. °C  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE  
VOL. \_\_\_\_\_ GALS.

REMARKS/OBSERVATIONS Dark, black, Heavy H<sub>2</sub>S odor, black particles  
Fluid - Dark, Strong H<sub>2</sub>S + Nat. Gas, black particles

Dry after 48 gal Purged - Pump ~ 3-5' above bottom  
of well. Sample using bladder pump

TIME SAMPLED: 1530 DATE: 5/25/95  
QA/QC? Y MS? MSD? FIELD BLANK? \_\_\_\_\_  
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Parkhill, Lynch, Moore-DEC, Crockett  
PERSON/S SAMPLING Parkhill, Lynch



**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10147 DATE: 5/17/95  
WEATHER NOTES: Overcast/Lt. Rain SW Wind  
VOC LEVEL: AMBIENT 0.1 HEADSPACE 0.1  
WELL DEPTH: 30.9 FT. WATER DEPTH: TOW 6.40' FT.  
WELL VOLUME: 3.92 GAL. TOTAL VOLUME PURGED 12 GAL.  
**SAMPLE PURGE DATA:**

*1K* @INITIAL 0 GAL.  
TEMP. 12.3 DEG. F.  
SPCON 1400 MOHS  
TURBID. No operation NTU'S  
pH 7.06  
TIME 1356  
HR/MIN —  
PURGE  
VOL. 0 GALS.

@ 4 GAL.  
TEMP. 12.5 DEG. F.  
SPCON 1200 MOHS  
TURBID. NM NTU'S  
pH 7.20  
TIME 1406  
HR/MIN 10  
PURGE  
VOL. 4 GALS.

@ 8 GAL.  
TEMP. 13.2 DEG. F.  
SPCON 1200 MOHS  
TURBID. NM NTU'S  
pH 7.28  
TIME 1429  
HR/MIN 23  
PURGE  
VOL. 8 GALS.

@ 12 GAL.  
TEMP. 14.8 DEG. F. *C*  
SPCON 1300 MOHS  
TURBID. NM NTU'S  
pH 7.39  
TIME 1457  
HR/MIN 28  
PURGE  
VOL. 12 GALS.

@ — GAL.  
TEMP. — DEG. F.  
SPCON — MOHS  
TURBID. — NTU'S  
pH —  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

@ Sample GAL.  
TEMP. 14.7 DEG. F.  
SPCON 1150 MOHS  
TURBID. — NTU'S  
pH 7.56  
TIME —  
HR/MIN —  
PURGE  
VOL. — GALS

REMARKS/OBSERVATIONS Little fine quartz sand from bottom of well -  
Pumping rate drops off sharply after first volume removed.  
Final - brown, cloudy, no odor

TIME SAMPLED: 2:00 pm DATE: 5/17/95  
QA/QC? Y MS? MSD? FIELD BLANK? —  
DEC SPLIT? Y VOA'S, BNA'S, PESTICIDES/PCB'S  
PERSON/S PURGING Parkhill, Lynch, Crockett  
PERSON/S SAMPLING Parkhill, Lynch, Crockett

**OCCIDENTAL CHEMICAL CORPORATION**

**GROUNDWATER FIELD SAMPLE/PURGE RECORD**

**LOVE CANAL LONG TERM MONITORING PROGRAM**

STATION # 10225 B DATE: 5/26/95

WEATHER NOTES: Sun 70°

VOC LEVEL: AMBIENT 0.2 HEADSPACE 0.2

WELL DEPTH: 139.0 FT. WATER DEPTH: TOW 12.57' FT.

WELL VOLUME: 20.22 GAL. TOTAL VOLUME PURGED \_\_\_\_\_ GAL.

SAMPLE PURGE DATA: Start - Bladder pump  
short lift - stops working right - go to ladder pump.

@ INITIAL 0 GAL.  
TEMP. 14.6 DEG. F.  
SPCON 2,900 MOHS  
TURBID. NM NTU'S  
pH 7.61  
TIME 11.06 am  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS.

@ 20 GAL.  
TEMP. 15.6 DEG. F.  
SPCON >10,000 MOHS  
TURBID. NM NTU'S  
pH 6.61  
TIME 1220  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. 20 GALS.

@ 40 GAL.  
TEMP. 17.6 DEG. F.  
SPCON >10,000 MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH 6.72  
TIME 1345  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. 40 GALS.

@ 60 GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME 1500  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. 60 GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS.

@ \_\_\_\_\_ GAL.  
TEMP. \_\_\_\_\_ DEG. F.  
SPCON \_\_\_\_\_ MOHS  
TURBID. \_\_\_\_\_ NTU'S  
pH \_\_\_\_\_  
TIME \_\_\_\_\_  
HR/MIN \_\_\_\_\_  
PURGE \_\_\_\_\_  
VOL. \_\_\_\_\_ GALS.

REMARKS/OBSERVATIONS INITIAL WATER QUALITY: Cloudy, H<sub>2</sub>S Odor,  
Black sulfides

Final - Black, cloudy

TIME SAMPLED: 1530 DATE: 5/26/95

QA/QC?  Y/N  MS?  MSD?  FIELD BLANK? 12510

DEC SPLIT? Y/N VOA'S, BNA'S, PESTICIDES/PCB'S

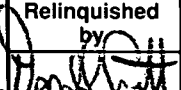
PERSON/S PURGING Crockett, Parkhill, Lynch

PERSON/S SAMPLING Crockett, Parkhill, Lynch

# Custody Transfer Record/Lab Work Request

Client <b>OXYCHEM/CRA - LOW CANAL</b>		Refrigerator #																
Est. Final Proj. Sampling Date <b>8/1/96</b>		#/Type Container		Liquid														
Work Order #		Volume		Solid														
Project Contact/Phone # <b>DARRELL GARDNER 714/831553</b>		Preservatives		Liquid														
AD Project Manager				Solid														
QC <u>    </u> Del <u>    </u> TAT <u>    </u>		ANALYSES REQUESTED		ORGANIC														
Date Rec'd <u>    </u> Date Due <u>    </u>				VOA	BNA	Pest/PCB	Herb	<b>TSS</b>										
Account #										<b>TOTAL</b>								
								WESTON Analytics Use Only										
<b>MATRIX CODES:</b> S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description  <b>EFFLUENT TSS</b>		Matrix QC Chosen (✓) <b>MS MSD</b>		Matrix	Date Collected <b>8/1/96</b>	Time Collected										

<b>FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS</b>  Special Instructions:	<b>DATE/REVISIONS:</b> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____	<b>WESTON Analytics Use Only</b>  Samples were: 1) Shipped <u>    </u> or Hand Delivered <u>    </u> Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Properly Preserved Y or N 5) Received Within Holding Times Y or N  COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N
---	--	---

Relinquished by 	Received by	Date	Time	Relinquished by	Received by	Date	Time
		<b>8/1/96</b>	<b>2:00 a.m.</b>				

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:

# Custody Transfer Record/Lab Work Request



Client <u>OXYCHEM/CKA - LOU CANAL</u>	Refrigerator #											
Est. Final Proj. Sampling Date <u>JUNE</u>	#/Type Container	Liquid										
Work Order # <u>11-1208-62</u>		Solid										
Project Contact/Phone # <u>CRockett/PARKhill (716) 281-3411</u>	Volume	Liquid										
AD Project Manager		Solid										
QC _____ Del _____ TAT _____	Preservatives											
Date Rec'd _____ Date Due _____	ANALYSES REQUESTED →	ORGANIC				TOTAL	INORG					
Account # _____		VOA	BNA	Pest/PCB	Herb		Metal	CN				

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only													
			MS	MSD				VOA	BNA	Pest/PCB	Herb	TOTAL	Metal	CN							
		10210B			WW	6/1/95		2	2	1						5					
		10210C	✓	✓	WW	6/1/95		5	4	2						11					
		10225C			WW	6/1/95		2	2	1						5					
		10135			WW	6/1/95		2	2	1						5					
		TRIP BLANK			W	6/1/95		2								2					
		TUBE BLANK (Eri/Carox)			W	6/1/95 11:40A		2	2	1						5					
33																					

<b>FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS</b>	<b>DATE/REVISIONS:</b>	<b>WESTON Analytics Use Only</b>																
Special Instructions:	1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____	Samples were: _____ 1) Shipped ___ or Hand Delivered ___ Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Properly Preserved Y or N 5) Received Within Holding Times Y or N COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Relinquished by</td> <td style="width:15%;">Received by</td> <td style="width:15%;">Date</td> <td style="width:15%;">Time</td> <td style="width:15%;">Relinquished by</td> <td style="width:15%;">Received by</td> <td style="width:15%;">Date</td> <td style="width:15%;">Time</td> </tr> <tr> <td><i>[Signature]</i></td> <td></td> <td>6/1/95</td> <td>3:00P</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time	<i>[Signature]</i>		6/1/95	3:00P					Discrepancies Between Samples Labels and COC Record? Y or N NOTES:	
Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time											
<i>[Signature]</i>		6/1/95	3:00P															



USE THIS AIRBILL FOR SHIPMENTS TO THE CONTINENTAL U.S.A., ALASKA AND HAWAII.  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL  
PACKAGE  
TRACKING NUMBER

5882292743

5882292743

SENDER'S COPY

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER 01421019-9		Date 6/1/95	
From (Your Name) Please Print Dorrell Crockett		Your Phone Number (Very Important) 716, 280-1111	To (Recipient's Name) Please Print Mike Yopp
Company Occidental Chemical Corp		Department/Floor No.	Recipient's Phone Number (Very Important) (610) 701-6100
Street Address 805 97th Street		Company KF Weston Inc.	
City Niagara Falls NY		Department/Floor No.	
State NY		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 208 Walsh Pool RD	
ZIP Required 14304		City Lowville PA	
State NY		State PA	
ZIP Required 19341		ZIP Required 19341	

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.)  
112850000594

IF HOLD FOR PICK-UP, Print FEDEX Address Here  
Street Address

PAYMENT 1  Bill Sender 2  Bill Recipient's FedEx Acct. No. 3  Bill 3rd Party FedEx Acct. No. 4  Bill Credit Card  
5  Cash/Check 6  Acct./Credit Card No. Exp. Date

City State ZIP Required

4 SERVICES (Check only one box)

11 <input checked="" type="checkbox"/> PRIORITY OVERNIGHT (Delivery by next business morning)	51 <input type="checkbox"/> STANDARD OVERNIGHT (Delivery by next business afternoon. No Saturday delivery)
16 <input type="checkbox"/> FEDEX LETTER*	56 <input type="checkbox"/> FEDEX LETTER*
12 <input type="checkbox"/> FEDEX PAK*	52 <input type="checkbox"/> FEDEX PAK*
13 <input type="checkbox"/> FEDEX BOX	53 <input type="checkbox"/> FEDEX BOX
14 <input type="checkbox"/> FEDEX TUBE	54 <input type="checkbox"/> FEDEX TUBE
30 <input type="checkbox"/> ECONOMY (Delivery by second business day)	46 <input type="checkbox"/> GOVT LETTER (Restricted for authorized users only)
	41 <input type="checkbox"/> GOVT PACKAGE

5 DELIVERY AND SPECIAL HANDLING (Check services required)

HOLD FOR PICK-UP (Fill in Box H) { 1  WEEKDAY or 31  SATURDAY

DELIVER { 2  WEEKDAY or 3  SATURDAY (Extra charge) (Not available to all locations)

4  DANGEROUS GOODS (Extra charge)

5

6  DRY ICE (Dangerous Goods Shipper's Declaration not required) Dry Ice, UN 1845, \_\_\_\_\_ X \_\_\_\_\_ kg. III

7  OTHER SPECIAL SERVICE

6 PACKAGES WEIGHT in Pounds Only YOUR DECLARED VALUE (See right)

1		
2		
Total	2	135

7 DIM SHIPMENT (Chargeable Weight)

\_\_\_\_\_ lbs.

L X W X H

SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY

Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, available upon request. See back of sender's copy of this airbill for information. Service conditions may vary for Government Overnight Service. See U.S. Government Service Guide for details.

We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the declared value specified to the left. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Pak packages is \$500.00.

In the event of untimely delivery, Federal Express will at your request and with some limitations refund all transportation charges paid. See Service Guide for further information.

Federal Express Use

Base Charges

Declared Value Charge

Other 1

Other 2

Total Charges

REVISION DATE 6/92  
PART #137205 GBFE  
FORMAT #136

Freight Service (for packages over 150 lbs.)

70  OVERNIGHT FREIGHT\*\* (Continued reservation required)

80  TWO-DAY FREIGHT\*\*

\*Delivery commitment may be later in some areas.  
\*\*Declared Value Limit \$500.  
\*\*\*Call for delivery schedule.

9  SATURDAY PICK-UP (Extra charge)

12  HOLIDAY DELIVERY (if offered) (Extra charge)

Received At

1  Regular Stop 3  Drop Box 4  B.S.C.

2  On-Call Stop 5  Station

7 Release Signature: \_\_\_\_\_

SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE

136

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U.S.A.

## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms of this Airbill and in our current Service Guide, which is available upon request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

### RESPONSIBILITY FOR PACKAGING AND COMPLETING AIRBILL

You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our Agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$25,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value" include artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

If you send more than one package on this Airbill, you may fill in the total declared value for all packages, not to exceed the \$100, \$500 or \$25,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$125,000.)

If more than one package is shipped on this Airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.

REFERENCE No.: 2409

BOTTLE REQUEST FORM

PAGE 1

PROJECT MANAGER: MY

SUE (ORIGINAL)  
LAMONT (2)

REQUESTED BY: MIKE YOUNG

SENT TO: OXYCHEM LOVE CANAL TREATMENT  
805 97TH ST.  
NIAGARA FALLS, NY 14304  
ATT: SCOTT PARKHILL

DATE OF REQUEST: 05/04/95  
DATE BOTTLES NEEDED: 05/08/95

CLIENT I.D.: CRA / LOVE CANAL  
A.D. No.:

PICKED UP BY:  
PICK UP DATE: 05/05/95

LOT NUMBER	PARAMETERS REQUESTED	BOTTLES PREP'D.	BOTTLES AND SUPPLIES	PRESERVATIVE ADDED
B4305010	VOA TRIP BLANK	8	40 ML VOA VIAL VERMICULITE CHAIN OF CUSTODY COOLERS	B/DI & HCL 2612 KLTP

COMMENTS: 716-283-0111  
MEDIUM COOLERS.

BOTTLES PREPARED BY: NR  
DATE: 5/5/95  
COOLER NUMBERS: \_\_\_\_\_

BOTTLES CHARGEABLE : NO  
SHIPPING CHARGEABLE: NO

SHIPPING CONFIRMATION: NR  
SHIPPING: \$ 0.00  
HANDLING: \$ 0.00

WESTON®

BOTTLE ORDER REQUEST

Requestor: Mike Young  
 Date of Request: 5/11/95  
 Date Bottles Needed: 5/18/95

Send to: OXYCHEM LOVE CANAL Treatment Facility  
805 97th St.

Account #: Love Canal  
 Client: CRA  
 Work Order #: \_\_\_\_\_  
 Project Manager: M. Young

Pickup by: Niagara Falls, NY  
14304  
 Pickup Date: Attn: Scott Parkhill  
 Pickup Time: tel # 716-283-0111

Number of Samples	Matrix	Parameters Requested	Number of Bottles Prepared	Bottle Size & Type	Preservative
3	H <sub>2</sub> O	7 VOA Trip Blks	8	40 ml VOA	fill bottled D.T./HC

Coolers:  6 medium special instructions:  
 COC:   
 Blue Ice:   
 Vermiculite:   
 Bottles Chargeable: \_\_\_\_\_  
 Supplies Chargeable: \_\_\_\_\_  
 Shipping Chargeable: \_\_\_\_\_



WESTON Analytics Use Only

# Custody Transfer Record/Lab Work Request

Client <u>Oxychem/CRA - LOVE CANAL</u>		Refrigerator #																		
Est. Final Proj. Sampling Date <u>JUNE</u>		#/Type Container		Liquid																
Work Order # <u>11-1268-62</u>				Solid																
Project Contact/Phone # <u>Crockett/Parkhill 303/3011</u>		Volume		Liquid																
AD Project Manager				Solid																
QC _____ Del _____ TAT _____		Preservatives																		
Date Rec'd _____ Date Due _____		ANALYSES REQUESTED →		ORGANIC				TOTAL	INORG											
Account # _____				VOA	BNA	Pest/PCB	Herb		Metal	CN										

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only																	
			MS	MSD				VOA	BNA	Pest/PCB	Herb	TOTAL	Metal	CN											
		9210			WW	5/16/95	11:50A	2	2	1				5										} STORED IN L.C. FACILITY REFRIGERATOR	
		10205			WW	5/16/95	12:10P	2	2	1				5											
		10215			WW	5/16/95	12:25P	2	2	1				5											
		6209	X	X	W	5/17/95	12:15P	3	3	3				9											
		1151A			W	5/17/95	9:15A	2	2	1				4	*	* SHORT SAMPLE VOLUME									
		10174B			W	5/17/95	12:40P	2	2	1				5											
		10147			W	5/17/95	1500	2	2	1				5											
		12020			WW	5/17/95	1030	2	2	1				5											
		TRIP BLANK			W	5/10/95	-	2	-	-				2											

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS				DATE/REVISIONS:				45		WESTON Analytics Use Only			
Special Instructions:				1. _____				Samples were: 1) Shipped ___ or Hand Delivered ___ Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Properly Preserved Y or N 5) Received Within Holding Times Y or N COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N					
				2. _____									
				3. _____									
				4. _____									
				5. _____									
				6. _____									
Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time	Discrepancies Between Samples Labels and COC Record? Y or N NOTES:					
<i>[Signature]</i>		5/17/95	1545										



USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CENTRAL U.S.A., ALASKA AND HAWAII.  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL  
PACKAGE  
TRACKING NUMBER

5882292673

5882292673

SENDER'S COPY

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER 01421019-9		Date 5/17/95
From (Your Name) Please Print CROCKETT DANIEL	Your Phone Number (Very Important) 716, 2830111	To (Recipient's Name) Please Print MIKE YOUNG
Company Occidental Chemical Corp	Department/Floor No.	Company KF WESTON INC.
Street Address 805 97th St Street	City NIAGARA FALLS NY	Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 208 WELSH POOR RD
State NY	ZIP Required 14304	City LIONVILLE PA
YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.) 1128350000594		IF HOLD FOR PICK-UP, Print FEDEX Address Here Street Address
PAYMENT <input checked="" type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card		City State ZIP Required
5 <input type="checkbox"/> Cash/ <input type="checkbox"/> Check		Exp. Date /

SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE

<b>4 SERVICES</b> (Check only one box)		<b>5 DELIVERY AND SPECIAL HANDLING</b> (Check services required)		<b>6 PACKAGES</b>		<b>SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY</b>  Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, available upon request. See back of sender's copy of this airbill for information. Service conditions may vary for Government Overnight Service. See U.S. Government Service Guide for details.  We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, mislabeling, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the declared value specified to the left. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Package is \$500.00.  In the event of untimely delivery, Federal Express will at your request and with some limitations refund all transportation charges paid. See Service Guide for further information.	Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges REVISION DATE 6/92 PART #137205 GBFE FORMAT #136 <b>136</b> © 1991-92 FEDEX PRINTED IN U.S.A.												
<b>Priority Overnight</b> (Delivery by next business morning) 11 <input checked="" type="checkbox"/> OTHER PACKAGING 16 <input type="checkbox"/> FEDEX LETTER 12 <input type="checkbox"/> FEDEX PAK 13 <input type="checkbox"/> FEDEX BOX 14 <input type="checkbox"/> FEDEX TUBE		<b>Standard Overnight</b> (Delivery by next business afternoon. No Saturday delivery) 51 <input type="checkbox"/> OTHER PACKAGING 56 <input type="checkbox"/> FEDEX LETTER 52 <input type="checkbox"/> FEDEX PAK 53 <input type="checkbox"/> FEDEX BOX 54 <input type="checkbox"/> FEDEX TUBE		<b>HOLD FOR PICK-UP</b> (Fill in Box H) <input type="checkbox"/> WEEKDAY <input type="checkbox"/> SATURDAY  <b>DELIVER</b> <input checked="" type="checkbox"/> WEEKDAY <input type="checkbox"/> SATURDAY (Extra charge) <input type="checkbox"/> DANGEROUS GOODS (Extra charge) <input type="checkbox"/> DRY ICE Dangerous Goods Shipper's Declaration not required. Dry Ice, UN 1845, _____ X _____ kg. li. <input type="checkbox"/> OTHER SPECIAL SERVICE <input type="checkbox"/> SATURDAY PICK-UP (Extra charge) <input type="checkbox"/> HOLIDAY DELIVERY (if offered) (Extra charge)				<table border="1"> <thead> <tr> <th>WEIGHT In Pounds Only</th> <th>YOUR DECLARED VALUE (See right)</th> </tr> </thead> <tbody> <tr> <td>1 59</td> <td></td> </tr> <tr> <td>1 59</td> <td></td> </tr> <tr> <td>1 67</td> <td></td> </tr> <tr> <td><b>Total</b></td> <td><b>Total</b></td> </tr> <tr> <td>3 185</td> <td></td> </tr> </tbody> </table>		WEIGHT In Pounds Only	YOUR DECLARED VALUE (See right)	1 59		1 59		1 67		<b>Total</b>	<b>Total</b>
WEIGHT In Pounds Only	YOUR DECLARED VALUE (See right)																		
1 59																			
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3 185																			
<b>Economy Two-Day</b> (Delivery by second business day) 30 <input type="checkbox"/> ECONOMY		<b>Government Overnight</b> (Delivery for authorized users only) 46 <input type="checkbox"/> GOVT LETTER 41 <input type="checkbox"/> GOVT PACKAGE		<b>DIM SHIPMENT</b> (Chargeable Weight) <input type="checkbox"/> _____ lbs. <b>L x W x H</b> Received At <input type="checkbox"/> Regular Stop <input type="checkbox"/> Drop Box <input type="checkbox"/> On-Call Stop <input type="checkbox"/> B.S.C. <input type="checkbox"/> Station		Release Signature: _____													
<b>Freight Service</b> (for packages over 150 lbs.) 70 <input type="checkbox"/> OVERNIGHT FREIGHT 80 <input type="checkbox"/> TWO-DAY FREIGHT		Declared Value Limit \$500. *Call for delivery schedule.																	

## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms of this Airbill and in our current Service Guide, which is available upon request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

### RESPONSIBILITY FOR PACKAGING AND COMPLETING AIRBILL

You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our Agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$25,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value" include artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

If you send more than one package on this Airbill, you may fill in the total declared value for all packages, not to exceed the \$100, \$500 or \$25,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$125,000.)

If more than one package is shipped on this Airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.

# Custody Transfer Record/Lab Work Request



Client <u>Coastal Water Treatment</u>	Refrigerator #																			
Est. Final Proj. Sampling Date <u>6/15/95</u>	#/Type Container	Liquid																		
Work Order # <u>Coastal Water Monitoring</u>	Volume	Solid																		
Project Contact/Phone # <u>716 297-6150</u>	Preservatives	Liquid																		
AD Project Manager <u>PC# 11-1208-62</u>		Solid																		
QC _____ Del _____ TAT _____	ANALYSES REQUESTED →	ORGANIC				INORG														
Date Rec'd _____ Date Due _____		VOA	BNA	Pest/PCB	Herb	Total	Metal	CN												
Account # _____		WESTON Analytics Use Only																		

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only				Total	INORG		Metal	CN				
			MS	MSD				VOA	BNA	Pest/PCB	Herb		Metal	CN						
		3257			WW	5/3/95	11:15A	2	2	1		5								
		12010			WW	"	12:00P	2	2	1		5								
		3151			WW	"	2:15P	2	2	1		5								
		7161			WW	"	2:00P	2	2	1		5								
		5222			Water	5/4/95	1000A	2	2	1		5								
		8110			Water	"		2	2	1		5								
		8120			Water	"		2	2	1		5								
		TRIP BLANK			W	5/3/95	-	2				2								

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

WESTON Analytics Use Only

Samples were: 1) Shipped ___ or Hand Delivered ___ Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Properly Preserved Y or N 5) Received Within Holding Times Y or N	COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N
--	--

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
<u>[Signature]</u>		5/4/95	3:00P				

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:



USE THIS AIRBILL FOR SHIPMENTS WITH THE CENTRAL U.S.A., ALASKA AND HAWAII.  
 USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
 QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL  
 PACKAGE  
 TRACKING NUMBER

5882292791

5882292791

SENDER'S COPY

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER 1 ▶ 01421019-9		Date 5/4/95
From (Your Name) Please Print SCOTT PARK HILL		Your Phone Number (Very Important) (716) 283-0111
To (Recipient's Name) Please Print ▶ MIKE YOUNG		Recipient's Phone Number (Very Important) (610) 701-6100
Company Occidental Chemical Corp	Department/Floor No.	Company Roy F. Weston Inc.
Street Address 805-97 <sup>th</sup> ST.		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 208 WELSH POOL RD
City NIAGARA FALLS, NY	State NY	ZIP Required 14304
City LIONVILLE	State PA	ZIP Required 19341
YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.) 11283 50.000 594		IF HOLD FOR PICK-UP, Print FEDEX Address Here Street Address
PAYMENT 1 <input checked="" type="checkbox"/> Bill Sender 2 <input type="checkbox"/> Bill Recipient's FedEx Acct. No. 3 <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. 4 <input type="checkbox"/> Bill Credit Card		City State ZIP Required
5 <input type="checkbox"/> Cash / <input type="checkbox"/> Check Acct./Credit Card No. Exp. Date		

SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE

<b>4 SERVICES</b> (Check only one box)		<b>5 DELIVERY AND SPECIAL HANDLING</b> (Check services required)		<b>6 PACKAGES</b>	
Priority Overnight (Delivery by next business morning) 11 <input checked="" type="checkbox"/> OTHER PACKAGING 16 <input type="checkbox"/> FEDEX LETTER** 12 <input type="checkbox"/> FEDEX PAK** 13 <input type="checkbox"/> FEDEX BOX 14 <input type="checkbox"/> FEDEX TUBE	Standard Overnight (Delivery by next business afternoon. No Saturday delivery) 51 <input type="checkbox"/> OTHER PACKAGING 56 <input type="checkbox"/> FEDEX LETTER** 52 <input type="checkbox"/> FEDEX PAK** 53 <input type="checkbox"/> FEDEX BOX 54 <input type="checkbox"/> FEDEX TUBE	HOLD FOR PICK-UP (Fill in Box H) { 1 <input type="checkbox"/> WEEKDAY or 31 <input type="checkbox"/> SATURDAY DELIVER { 2 <input checked="" type="checkbox"/> WEEKDAY or 3 <input type="checkbox"/> SATURDAY (Extra charge) (Not available to all locations)	4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 5 <input type="checkbox"/> 6 <input type="checkbox"/> DRY ICE (Dangerous Goods Shipper's Declaration not required)	Total 2 1 1 3	YOUR DECLARED VALUE (See right)
Economy Two-Day (Delivery by second business day †) 30 <input type="checkbox"/> ECONOMY	Government Overnight (Restricted for authorized users only) 46 <input type="checkbox"/> GOVT LETTER 41 <input type="checkbox"/> GOVT PACKAGE	7 <input type="checkbox"/> OTHER SPECIAL SERVICE 9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge) 12 <input type="checkbox"/> HOLIDAY DELIVERY (†† offered) (Extra charge)	DIM SHIPMENT (Chargeable Weight) _____ lbs. <b>L x W x H</b>	Received At 1 <input type="checkbox"/> Regular Stop 3 <input type="checkbox"/> Drop Box 2 <input type="checkbox"/> On-Call Stop 4 <input type="checkbox"/> B.S.C. 5 <input type="checkbox"/> Station	

<b>SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY</b> Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, available upon request. See back of sender's copy of this airbill for information. Service conditions may vary for Government Overnight Service. See U.S. Government Service Guide for details. We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the declared value specified to the left. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Pak packages is \$500.00. In the event of untimely delivery, Federal Express will at your request and with some limitations refund all transportation charges paid. See Service Guide for further information.	Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges
ReVISION DATE 8/92 PART #137205 GBFE FORMAT #138 <div style="border: 1px solid black; padding: 5px; display: inline-block;">136</div> © 1991-92 FEDEX PRINTED IN U.S.A.	Release Signature:

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We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

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We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

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### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.

# Custody Transfer Record/Lab Work Request



Client <u>CONEdon ROVER/IOXY CTM</u>		Refrigerator #						
Est. Final Proj. Sampling Date <u>6/15/95</u>		#/Type Container	Liquid					
Work Order # <u>LOVE CANAL LOW FLOW MONITORING</u>			Solid					
Project Contact/Phone # <u>716/297 6150</u>		Volume	Liquid					
AD Project Manager <u>PO # 11-1268-L2</u>			Solid					
QC _____ Del _____ TAT _____		Preservatives						
Date Rec'd _____ Date Due _____		ANALYSES REQUESTED →	ORGANIC				INORG	
Account # _____			VOA	BNA	Pes/ PCB	Herb	Total	Metal CN

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum DL - Drum L - EP/TCLP WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only								
			MS	MSD				1	2	3	4	5	6	7	8	9
								2	2	1						
	9115				WW	5/8/95	0920	2	2	1			5	} Stored overnight in L.C. Facility Ref.		
	9118				WW		1020	2	2	1			5			
	10272				WW		1200	2	2	1			5			
	12015				W		1300	2	2	1			5			
	10278				W	5/9/95	1045	2	2	1			5			
	BAILER BLANK				W	5/9/95	1200	2	2	1			5			
	TRIP BLANK				W	5/8/95	-	2	-	-			2			
								<b>32</b>								

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS	DATE/REVISIONS:	WESTON Analytics Use Only
Special Instructions:	1. _____	Samples were:
	2. _____	1) Shipped ___ or
	3. _____	Hand Delivered ___
	4. _____	Airbill # _____
	5. _____	2) Ambient or Chilled
	6. _____	3) Received in Good Condition Y or N
		4) Labels Indicate Properly Preserved Y or N
		5) Received Within Holding Times Y or N
		COC Tape was:
		1) Present on Outer Package Y or N
		2) Unbroken on Outer Package Y or N
		3) Present on Sample Y or N
		4) Unbroken on Sample Y or N
		COC Record Present Upon Sample Rec't Y or N

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
<u>Dan O'Connell</u>		5/19/95	1:00pm				

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:



USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL  
PACKAGE  
TRACKING NUMBER

5882292695

5882292695

SENDER'S COPY

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER 1 01421019-9		Date 5/
From (Your Name) Please Print DARRELL CROCKETT	Your Phone Number (Very Important) 716 2830111	To (Recipient's Name) Please Print 2 Mike Young
Company Occidental Chemical Corp	Department/Floor No.	Company RF WESTON INC.
Street Address 805 97th Street	Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 208 WESTH POOL RD	
City NIAGARA FALLS NY	State NY	State PA
ZIP Required 14304	City LIONVILLE PA	State PA
ZIP Required 19341	ZIP Required 19341	

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.)

112835000594

IF HOLD FOR PICK-UP, Print FEDEX Address Here  
Street Address

PAYMENT 1 <input checked="" type="checkbox"/> Bill Sender	2 <input type="checkbox"/> Bill Recipient's FedEx Acct. No.	3 <input type="checkbox"/> Bill 3rd Party FedEx Acct. No.	4 <input type="checkbox"/> Bill Credit Card
5 <input type="checkbox"/> Cash/Check	Acct./Credit Card No.	Exp. Date /	
City			State
ZIP Required			

<b>4 SERVICES</b> (Check only one box)	<b>5 DELIVERY AND SPECIAL HANDLING</b> (Check services required)	<b>6 PACKAGES</b> WEIGHT In Pounds Only	YOUR DECLARED VALUE (See rule)	<b>SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY</b>  Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, available upon request. See back of sender's copy of this airbill for information. Service conditions may vary for Government Overnight Service. See U.S. Government Service Guide for details.  We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misrouting, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the declared value specified to the left. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Pak packages is \$500.00.  In the event of untimely delivery, Federal Express will at your request and with some limitations refund all transportation charges paid. See Service Guide for further information.	Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges  REVISION DATE 6/92 PART #137205 GBFE FORMAT #138 <b>136</b> © 1991-92 FEDEX PRINTED IN U.S.A.

SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE

70  OVERNIGHT FREIGHT\*\*  
(Confirmed reservation required)  
† Delivery commitment may be later in some areas.

80  TWO-DAY FREIGHT\*\*  
\*Declared Value Limit \$500.  
\*\*Call for delivery schedule.



## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms of this Airbill and in our current Service Guide, which is available upon request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

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You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our Agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$25,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value" include artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

If you send more than one package on this Airbill, you may fill in the total declared value for all packages, not to exceed the \$100, \$500 or \$25,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$125,000.)

If more than one package is shipped on this Airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.

# Custody Transfer Record/Lab Work Request

Client <u>Oxychem/CRA - Love Canal</u>			Refrigerator # _____								
Est. Final Proj. Sampling Date <u>June</u>			#/Type Container	Liquid _____ Solid _____							
Work Order # <u>11-1208-62</u>			Volume	Liquid _____ Solid _____							
Project Contact/Phone # <u>Parkhill/Crockett 716283-0111</u>			Preservatives _____								
AD Project Manager _____			ANALYSES REQUESTED <span style="font-size: 2em;">→</span>	ORGANIC				TOTAL	INORG		
QC _____	Del _____	TAT _____		VOA	BNA	Pest/PCB	Herb		Metal	CN	
Date Rec'd _____ Date Due _____											
Account # _____											

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum DL - Drum L - EP/TCLP WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only												
			MS	MSD				1	2	3	4	5	6	7	8	9				
																	10	11	12	13
		9120	X	X	W	5/12/95	1020	3	3	3							9	X	KPL	
		9125			W	↓	1115	2	2	1							9 5 5 2			
		9140			W		1400	2	2	1										
		10113 TRIP BLANK			W		1455	2	2	1										

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FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS				DATE/REVISIONS:				WESTON Analytics Use Only			
Special Instructions:				1. _____				Samples were: 1) Shipped ___ or Hand Delivered ___ Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Properly Preserved Y or N 5) Received Within Holding Times Y or N  COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N			
				2. _____							
				3. _____							
				4. _____							
				5. _____							
				6. _____							



USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

**AIRBILL**  
PACKAGE  
TRACKING NUMBER

**5882292684**

**5882292684**

**SENDER'S COPY**

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER <b>01421019-9</b>		Date <b>5/12/95</b>
From (Your Name) Please Print <b>PARKHILL</b>	Your Phone Number (Very Important) <b>(716) 283-0111</b>	To (Recipient's Name) Please Print <b>MIKE YOUNG</b>
Company <b>OCCIDENTAL CHEMICAL CORP.</b>	Department/Floor No.	Company <b>R.F. WESTON, INC.</b>
Street Address <b>805 97TH ST.</b>	Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) <b>208 WELSH POOL RD.</b>	
City <b>NIAGARA FALLS, NY</b>	State <b>NY</b>	ZIP Required <b>14304</b>
City <b>LIONVILLE</b>	State <b>PA</b>	ZIP Required <b>19341</b>

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.) <b>1128350000594</b>	IF HOLD FOR PICK-UP, Print FEDEX Address Here Street Address
--	---

PAYMENT 1 <input checked="" type="checkbox"/> Bill Sender 2 <input type="checkbox"/> Bill Recipient's FedEx Acct. No. 3 <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. 4 <input type="checkbox"/> Bill Credit Card	City	State	ZIP Required
5 <input type="checkbox"/> Cash/Check Act./Credit Card No. Exp. Date			

<b>4 SERVICES (Check only one box)</b> Priority Overnight (Delivery by next business morning) 11 <input checked="" type="checkbox"/> OTHER PACKAGING 16 <input type="checkbox"/> FEDEX LETTER 12 <input type="checkbox"/> FEDEX PAK 13 <input type="checkbox"/> FEDEX BOX 14 <input type="checkbox"/> FEDEX TUBE Economy Two-Day (Delivery by second business day) 30 <input type="checkbox"/> ECONOMY		<b>5 DELIVERY AND SPECIAL HANDLING (Check services required)</b> HOLD FOR PICK-UP (Fill in Box H) { 1 <input type="checkbox"/> WEEKDAY or 31 <input type="checkbox"/> SATURDAY DELIVER { 2 <input type="checkbox"/> WEEKDAY or 3 <input checked="" type="checkbox"/> SATURDAY (Extra charge) (Not available to all locations) 4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 5 <input type="checkbox"/> 6 <input type="checkbox"/> DRY ICE (Dangerous Goods Shipper's Declaration not required) (Dry Ice, UN 1845, _____ X _____ kg. III) 7 <input type="checkbox"/> OTHER SPECIAL SERVICE 9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge) 12 <input type="checkbox"/> HOLIDAY DELIVERY (If offered) (Extra charge)		<b>6 PACKAGES</b> WEIGHT in Pounds Only YOUR DECLARED VALUE (See rate) <table border="1"> <tr> <td>1</td> <td>40</td> <td></td> </tr> <tr> <td>1</td> <td>70</td> <td></td> </tr> <tr> <td>Total</td> <td>2110</td> <td>Total</td> </tr> </table> DIM SHIPMENT (Chargeable Weight) _____ lbs. <b>L x W x H</b> _____ x _____ x _____		1	40		1	70		Total	2110	Total
1	40													
1	70													
Total	2110	Total												

<b>SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY</b> Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, available upon request. See back of sender's copy of this airbill for information. Service conditions may vary for Government Overnight Service. See U.S. Government Service Guide for details. We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the declared value specified to the left. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Pak packages is \$500.00. In the event of untimely delivery, Federal Express will at your request and with some limitations refund all transportation charges paid. See Service Guide for further information.	Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges REVISION DATE 6/92 PART #137205 GBFE FORMAT #136 <b>136</b> © 1991-92 FEDEX PRINTED IN U.S.A.
Release Signature: _____	Received At 1 <input type="checkbox"/> Regular Stop 3 <input type="checkbox"/> Drop Box 4 <input type="checkbox"/> B.S.C. 2 <input type="checkbox"/> On-Call Stop 5 <input type="checkbox"/> Station

**SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE**

## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms of this Airbill and in our current Service Guide, which is available upon request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

### RESPONSIBILITY FOR PACKAGING AND COMPLETING AIRBILL

You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our Agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$25,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value" include artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

If you send more than one package on this Airbill, you may fill in the total declared value for all packages, not to exceed the \$100, \$500 or \$25,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$125,000.)

If more than one package is shipped on this Airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, return or credit all transportation charges. See current Service Guide for further information.

WESTON Analytics Use Only

# Custody Transfer Record/Lab Work Request



Page \_\_\_\_ of \_\_\_\_

<b>Client</b> <u>Conestoga Power/Watchdog</u>				<b>Refrigerator #</b>																			
<b>Est. Final Proj. Sampling Date</b> <u>6/15/95</u>				<b>#/Type Container</b>				Liquid															
<b>Work Order #</b> <u>Completion of Long Term Monitoring</u>								Solid															
<b>Project Contact/Phone #</b> <u>716-277-6150</u>				<b>Volume</b>				Liquid															
<b>AD Project Manager</b> <u>10" 11-1208-62</u>								Solid															
<b>QC</b> _____ <b>Del</b> _____ <b>TAT</b> _____				<b>Preservatives</b>				<b>ORGANIC</b>								<b>INORG</b>							
<b>Date Rec'd</b> _____ <b>Date Due</b> _____				<b>ANALYSES REQUESTED</b> →				VOA		BNA		Pest/PCB		Herb						Metal		CN	
<b>Account #</b> _____								WESTON Analytics Use Only															
<b>MATRIX CODES:</b> S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	<b>Lab ID</b>	<b>Client ID/Description</b>	<b>Matrix QC Chosen (✓)</b>		<b>Matrix</b>	<b>Date Collected</b>	<b>Time Collected</b>																
			MS	MSD																			
		5130			WW	5/5/95	9:30AM	2	2	1											5		
		5140			WW	5/16/95	11:15AM	2	2	1											5		
	9110			WW	5/16/95	10:30AM	2	2	1											1			
	Trip Blank			W	5/5/95		2											2					

(17)

<b>FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS</b>				<b>DATE/REVISIONS:</b>				<b>WESTON Analytics Use Only</b>			
<b>Special Instructions:</b>				1. _____				Samples were: 1) Shipped ___ or Hand Delivered ___ Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Properly Preserved Y or N 5) Received Within Holding Times Y or N COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N			
				2. _____							
				3. _____							
				4. _____							
				5. _____							
				6. _____							
<b>Relinquished by</b>	<b>Received by</b>	<b>Date</b>	<b>Time</b>	<b>Relinquished by</b>	<b>Received by</b>	<b>Date</b>	<b>Time</b>	Discrepancies Between Samples Labels and COC Record? Y or N NOTES: _____			
<i>[Signature]</i>		5/5/95	11:45A								



USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL  
PACKAGE  
TRACKING NUMBER

5882292710

5882292710

SENDER'S COPY

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER 01421019-9		Date 5/5/95
From (Your Name) Please Print DARRELL CROCKETT	Your Phone Number (Very Important) 716, 293, 0111	To (Recipient's Name) Please Print MIKE YOUNG
Company Occidental Chemical Corp	Department/Floor No.	Company RF WESTON, INC.
Street Address 805 97th street	Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 208 WELSH POOL RD	
City NIAGARA FALLS	State NY	City LIONVILLE, PA
State NY	ZIP Required 14304	State PA
ZIP Required 14304	ZIP Required 19341	
YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on Invoice.) 11 283 50 000 594		
IF HOLD FOR PICK-UP, Print FEDEX Address Here Street Address		
PAYMENT <input type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card		
5 <input checked="" type="checkbox"/> Cash/Check <input type="checkbox"/> Acct./Credit Card No. Exp. Date		

SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE

<b>4 SERVICES</b> (Check only one box)	<b>5 DELIVERY AND SPECIAL HANDLING</b> (Check services required)	<b>6 PACKAGES</b> WEIGHT in Pounds YOUR DECLARED VALUE (See right)	<b>SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY</b> Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, for information. Service conditions may vary for Government Overnight Service. See U.S. Government Service Guide for details. We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the declared value specified to the left. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Pak packages is \$500.00. In the event of untimely delivery, Federal Express will at your request and with some limitations refund all transportation charges paid. See Service Guide for further information.	Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges REVISION DATE 6/92 PART #137205 GBFE FORMAT #136 © 1991-92 FEDEX PRINTED IN U.S.A.
Economy Two-Day (Delivery by second business day) 30 <input type="checkbox"/> ECONOMY	Government Overnight (Restricted for authorized users only) 46 <input type="checkbox"/> GOVT LETTER 41 <input type="checkbox"/> GOVT PACKAGE	Freight Service (for packages over 150 lbs.) 70 <input type="checkbox"/> OVERNIGHT FREIGHT** 80 <input type="checkbox"/> TWO-DAY FREIGHT** *Confirmed reservation required) † Delivery commitment may be later in some areas. **Declared Value Limit \$500. **Call for delivery schedule.	Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and still indemnify and hold harmless Federal Express from any claims resulting therefrom. Release Signature: <i>Darrell Crockett</i>	

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## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms of this Airbill and in our current Service Guide, which is available upon request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

### RESPONSIBILITY FOR PACKAGING AND COMPLETING AIRBILL

You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our Agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$25,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value" include artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

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If more than one package is shipped on this Airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will, at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.

# Custody Transfer Record/Lab Work Request

Client <b>Gonestoga ROVERS / OXYCHEM</b>	Refrigerator #																	
Est. Final Proj. Sampling Date <b>6/15/95</b>	#/Type Container	Liquid																
Work Order # <b>LOW CANAL LONG TERM MONIT</b>	Volume	Solid																
Project Contact/Phone # <b>716 283-6150</b>	Preservatives	Liquid																
AD Project Manager		Solid																
QC _____ Del _____ TAT _____	ANALYSES REQUESTED $\rightarrow$	ORGANIC				TOTAL	INORG											
Date Rec'd _____ Date Due _____		VOA	BNA	Pest/ PCB	Herb		Metal	CN										
Account # _____																		

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only					TOTAL	INORG	
			MS	MSD				VOA	BNA	Pest/ PCB	Herb	Metal		CN	
	7120				Water	5/1/95	1330	2	2	1			5		
	7130				"	"	1355	2	2	1			5		
	7132		X	X	"	"	1508	3	4	2			9		
	7155				"	"	1530	2	2	1			5		
	DI Water Rinse				"	5/2/95	8:15AM	2	2	1			5		
	7205				"	"	04:52	2	2	1			5		
	<del>8200</del>				"	5/2/95	1350	2	2	1			5		
	9205				"	"	1415	2	2	1			5		
	TRIP BLANK				"	5/1/95	-	2					2		
													(46)		

<b>FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS</b>				<b>DATE/REVISIONS:</b>				<b>WESTON Analytics Use Only</b>			
Special Instructions: <b>COOLER # 721 # 695</b>				1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____				Samples were: 1) Shipped ____ or Hand Delivered ____ Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Property Preserved Y or N 5) Received Within Holding Times Y or N			
COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N				Discrepancies Between Samples Labels and COC Record? Y or N NOTES:							
Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time				
<i>[Signature]</i>		5/2/95	3:00pm								





USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL:  
PACKAGE  
TRACKING NUMBER

5882292813

5882292813

SENDER'S COPY

SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER 01421019-9		Date 3/2/85		
From (Your Name) Please Print Occidental Chem. Corp.		Your Phone Number (Very Important) (716) 293-0111	To (Recipient's Name) Please Print Mil. Y... ..	Recipient's Phone Number (Very Important) (616) 727-6100
Company 805 97th St.		Department/Floor No.	Company M... ..	Department/Floor No.
Street Address New Falls NY		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 2... ..		
City New Falls		State	City 1... ..	State
ZIP Required 14302		ZIP Required 11241-1313		
YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on Invoice.) 112235000594			IF HOLD FOR PICK-UP, Print FEDEX Address Here Street Address	
PAYMENT 1 <input checked="" type="checkbox"/> Bill Sender 2 <input checked="" type="checkbox"/> Bill Recipient's FedEx Acct. No. 3 <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. 4 <input type="checkbox"/> Bill Credit Card			City	
5 <input type="checkbox"/> Cash/Check <input type="checkbox"/> Act./Credit Card No. Exp. Date			State	
4 SERVICES (Check only one box)		5 DELIVERY AND SPECIAL HANDLING (Check services required)		6 PACKAGES
Priority Overnight (Delivery by next business morning)	Standard Overnight (Delivery by next business afternoon. No Saturday delivery)	HOLD FOR PICK-UP (Fill in Box H) { 1 WEEKDAY or 31 SATURDAY	WEIGHT in Pounds Only	YOUR DECLARED VALUE (See right)
11 <input checked="" type="checkbox"/> OTHER PACKAGING	51 <input type="checkbox"/> OTHER PACKAGING	DELIVER { 2 WEEKDAY or 3 SATURDAY (Extra charge) (Not available to all locations)	1 74	100.00
16 <input type="checkbox"/> FEDEX LETTER	56 <input type="checkbox"/> FEDEX LETTER	4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge)	1 90	
12 <input type="checkbox"/> FEDEX PAK	52 <input type="checkbox"/> FEDEX PAK	5 <input type="checkbox"/>	Total	Total
13 <input type="checkbox"/> FEDEX BOX	53 <input type="checkbox"/> FEDEX BOX	6 <input type="checkbox"/> DRY ICE (Dangerous Goods Shipper's Declaration not required)	2	100.00
14 <input type="checkbox"/> FEDEX TUBE	54 <input type="checkbox"/> FEDEX TUBE	7 <input type="checkbox"/> OTHER SPECIAL SERVICE	Total	Total
Economy Two-Day (Delivery by second business day)	Government Overnight (Restricted for authorized users only)	9 SATURDAY PICK-UP (Extra charge)	DIM SHIPMENT (Chargeable Weight)	
30 <input type="checkbox"/> ECONOMY	46 <input type="checkbox"/> GOVT LETTER	12 HOLIDAY DELIVERY (If offered) (Extra charge)	L x W x H	
41 <input type="checkbox"/> GOVT PACKAGE	41 <input type="checkbox"/> GOVT PACKAGE	DESCRIPTION	Received At	
Freight Service (for packages over 150 lbs.)		Dry Ice, 9, UN 1845, X kg. III	1 <input type="checkbox"/> Regular Stop	3 <input type="checkbox"/> Drop Box
70 <input type="checkbox"/> OVERNIGHT FREIGHT (Confirmed reservation required)	80 <input type="checkbox"/> TWO-DAY FREIGHT		2 <input checked="" type="checkbox"/> On-Call Stop	4 <input type="checkbox"/> B.S.C.
† Delivery commitment may be later in some areas.	* Declared Value Limit \$500. ** Call for delivery schedule.		5 <input type="checkbox"/> Station	Release Signature:



136

REVISION DATE 6/92  
PART #137205 GBFE  
FORMAT #136  
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PRINTED IN  
U.S.A.

## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms of this Airbill and in our current Service Guide, which is available upon request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

### RESPONSIBILITY FOR PACKAGING AND COMPLETING AIRBILL

You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our Agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$25,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value" include artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

If you send more than one package on this Airbill, you may fill in the total declared value for all packages, not to exceed the \$100, \$500 or \$25,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$125,000.)

If more than one package is shipped on this Airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.



MULTIPLE PACKAGE  
SHIPMENT LABELS

SHIPMENT DATE	5/2/95
MASTER AIRBILL NUMBER	5882292813

2 OF 2 9900079454

DESCRIPTION \_\_\_\_\_

OF 9900079463

DESCRIPTION \_\_\_\_\_

OF 9900079472

DESCRIPTION \_\_\_\_\_

OF 9900079481

DESCRIPTION \_\_\_\_\_

OF 9900079497

DESCRIPTION \_\_\_\_\_

# Custody Transfer Record/Lab Work Request



Client <b>CRA/OXY LOVE CANAL LTM</b>	Refrigerator #																				
Est. Final Proj. Sampling Date <b>JUNE</b>	#/Type Container	Liquid																			
Work Order # <b>11-1208-62</b>		Solid																			
Project Contact/Phone # <b>PARKHILL/CROCKETT (714) 2830111</b>	Volume	Liquid																			
AD Project Manager		Solid																			
QC Del TAT	Preservatives																				
Date Rec'd	ANALYSES REQUESTED																				
Account #	→	VOA	BNA	Pest/PCB	Herb							<b>TOTAL</b>									

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (v)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only					<b>TOTAL</b>	INORG													
			MS	MSD				VOA	BNA	Pest/PCB	Herb	Metal		CN													
		<b>GLOVE RINSE BLANK</b>			<b>W</b>	<b>5/25/15</b>	<b>0830</b>	<b>2</b>	<b>2</b>	<b>1</b>												<b>5</b>					
		<b>10210A</b>			<b>W</b>	<b>5/25/15</b>	<b>15:30</b>	<b>2</b>	<b>2</b>	<b>1</b>																	
		<b>TRIP BLANK</b>			<b>W</b>	<b>5/26/15</b>	<b>-</b>	<b>2</b>																			
		<b>10225A</b>			<b>W</b>	<b>5/26/15</b>	<b>15:00</b>	<b>2</b>	<b>2</b>	<b>1</b>																	
		<b>10225 B</b>	<b>X</b>	<b>X</b>	<b>W</b>	<b>5/26/15</b>	<b>15:30</b>	<b>4</b>	<b>4</b>	<b>2</b>																	
		<del>10225 B</del>																									
		<b>12510</b>			<b>W</b>	<b>5/26/15</b>	<b>15:30</b>	<b>2</b>	<b>2</b>	<b>1</b>																	

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS				DATE/REVISIONS:				WESTON Analytics Use Only			
Special Instructions:				1. _____				Samples were: _____ 1) Shipped ___ or Hand Delivered ___ Airbill # _____ 2) Ambient or Chilled 3) Received in Good Condition Y or N 4) Labels Indicate Properly Preserved Y or N 5) Received Within Holding Times Y or N COC Tape was: _____ 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) Present on Sample Y or N 4) Unbroken on Sample Y or N COC Record Present Upon Sample Rec't Y or N			
				2. _____							
				3. _____							
				4. _____							
				5. _____							
				6. _____							
Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time	Discrepancies Between Samples Labels and COC Record? Y or N NOTES:			
<i>[Signature]</i>		<b>5/26/15</b>	<b>16:18</b>								



USE THIS AIRBILL FOR SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.  
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.  
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL  
PACKAGE  
TRACKING NUMBER

5882292662

5882292662

SENDER'S COPY

SENDER'S FEDERAL EXPRESS ACCOUNT NUMBER 01421019-9		Date 5-6-95
From (Your Name) Please Print DARRELL GROKETT	Your Phone Number (Very Important) 716-2830111	To (Recipient's Name) Please Print MIKE YOUNG
Company Occidental Chemical Corp.	Department/Floor No.	Company RF WESTON INC.
Street Address 805 9TH STREET	Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 208 WELSH POOL RD	
City NIAGARA FALLS NY	State NY	ZIP Required 14302
City LIONVILLE PA	State PA	ZIP Required 19341
YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.) 112825000594		IF HOLD FOR PICK-UP, Print FEDEX Address Here Street Address

PAYMENT				City	State	ZIP Required
1 <input checked="" type="checkbox"/> Bill Sender	2 <input type="checkbox"/> Bill Recipient's FedEx Acct. No.	3 <input type="checkbox"/> Bill 3rd Party FedEx Acct. No.	4 <input type="checkbox"/> Bill Credit Card			
5 <input checked="" type="checkbox"/> Cash/Check	Act./Credit Card No.		Exp. Date			

<b>4 SERVICES</b> (Check only one box)		<b>5 DELIVERY AND SPECIAL HANDLING</b> (Check services required)		<b>6 PACKAGES</b> WEIGHT in Pounds Only YOUR DECLARED VALUE (See right)		<b>SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY</b> Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, available upon request. See back of sender's copy of this airbill for information. Service conditions may vary for Government Overnight Service. See U.S. Government Service Guide for details. We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misrouting, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the declared value specified to the left. Recovery cannot exceed actual documented loss. The maximum Declared Value for FedEx Letter and FedEx Pak packages is \$500.00. In the event of untimely delivery, Federal Express will at your request and with some limitations refund all transportation charges paid. See Service Guide for further information.	Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges REVISION DATE 6/92 PART #137205 *GBFE FORMAT #136 136 © 1991-92 FEDEX PRINTED IN U.S.A.
<b>Priority Overnight</b> (Delivery by next business morning) 11 <input checked="" type="checkbox"/> OTHER PACKAGING 16 FEDEX LETTER 12 FEDEX PAK* 13 FEDEX BOX 14 FEDEX TUBE <b>Economy Two-Day</b> (Delivery by second business day) 30 ECONOMY	<b>Standard Overnight</b> (Delivery by next business afternoon. No Saturday delivery) 51 OTHER PACKAGING 56 FEDEX LETTER 52 FEDEX PAK* 53 FEDEX BOX 54 FEDEX TUBE <b>Government Overnight</b> (Restricted for authorized users only) 46 GOVT LETTER 41 GOVT PACKAGE	<b>HOLD FOR PICK-UP</b> (Fill in Box H) { 1 <input type="checkbox"/> WEEKDAY or 31 <input type="checkbox"/> SATURDAY <b>DELIVER</b> { 2 <input type="checkbox"/> WEEKDAY or 3 <input checked="" type="checkbox"/> SATURDAY (Extra charge) 4 DANGEROUS GOODS (Extra charge) 5 6 DRY ICE (Dangerous Goods Shipper's Declaration not required) Dry Ice, 9, UN 1845, _____ X _____ kg. li 7 OTHER SPECIAL SERVICE 9 SATURDAY PICK-UP (Extra charge) DESCRIPTION 12 HOLIDAY DELIVERY (If offered) (Extra charge)	Total Total Total DIM SHIPMENT (Chargeable Weight) _____ lbs. L x W x H Received At 1 <input type="checkbox"/> Regular Stop 3 <input type="checkbox"/> Drop Box 4 <input type="checkbox"/> B.S.C. 2 <input type="checkbox"/> On-Call Stop 5 <input type="checkbox"/> Station				

SENDER'S COPY  
DROP OFF YOUR PACKAGE AND SAVE

Freight Service (for packages over 150 lbs.)  
 70 OVERNIGHT FREIGHT\*\* (Confirmed reservation required)  
 80 TWO-DAY FREIGHT\*\* (Declared Value Limit \$500.00. Call for delivery schedule.)  
 \*Delivery commitment may be later in some areas.  
 \*\*Call for delivery schedule.

## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms of this Airbill and in our current Service Guide, which is available upon request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

### RESPONSIBILITY FOR PACKAGING AND COMPLETING AIRBILL

You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our Agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$25,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value" include artwork, jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

If you send more than one package on this Airbill, you may fill in the total declared value for all packages, not to exceed the \$100, \$500 or \$25,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$125,000.)

If more than one package is shipped on this Airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.

REFERENCE No.: 2376

BOTTLE REQUEST FORM

PAGE 1

PROJECT MANAGER: MY

SUE (ORIGINAL)  
LAMONT (2)

REQUESTED BY: MIKE YOUNG

SENT TO: CONESTOGA ROVERS  
2055 NIAGARA FALLS BLVD., STE. 3  
NIAGARA FALLS, NY 14304  
ATT: KEVIN LYNCH

DATE OF REQUEST: 04/27/95

DATE BOTTLES NEEDED: 04/28/95

CLIENT I.D.: CONESTOGA ROVERS

V.O. No.:

PICKED UP BY:

PICK UP DATE: 04/27/95

LOT NUMBER	PARAMETERS REQUESTED	BOTTLES: PREP'D.	BOTTLES AND SUPPLIES	PRESERVATIVE ADDED
B4304030	VOC	8	40 ML VOA VIAL	HCL 2612 KLTP
X5030070	BNA	8	950 ML AMBER	
11	PEST / PCB	4	950 ML AMBER	
B4200070	VOC TRIP BLANK	3	40 ML VOA VIAL	B/DI & HCL 2612 KMBJ
			VERMICULITE	
			CHAIN OF CUSTODY	
			COOLERS	

COMMENTS: SAME DAY SHIPMENT!!!

BOTTLES PREPARED BY: LMC

DATE: 4/27/95

COOLER NUMBERS: \_\_\_\_\_

BOTTLES CHARGEABLE: NO

SHIPPING CHARGEABLE: NO

SHIPPING CONFIRMATION: \_\_\_\_\_

SHIPPING: \$ 0.00

HANDLING: \$ 0.00

WESTON®

# BOTTLE ORDER REQUEST

Requestor: Mila Yanny  
 Date of Request: 4/27/95  
 Date Bottles Needed: 4/28/95  
 Account #: Love Canal  
 Client: CRA  
 Work Order #: \_\_\_\_\_  
 Project Manager: M. Yanny

Send to: Rovers + Assoc.  
Conestoga Post  
2055 Niagara Falls Blvd.  
Suite 3  
Niagara Falls, NY  
 Pickup by: \_\_\_\_\_ 14304  
 Pickup Date: attn: Kevin Lynch  
 Pickup Time: \_\_\_\_\_

Number of Samples	Matrix	Parameters Requested	Number of Bottles Prepared	Bottle Size & Type	Preservative
4	H <sub>2</sub> O	<del>Fe</del> VOC	8	40 ml WA	HCl
4	H <sub>2</sub> O	BNA	8	950 ml amber	—
4	H <sub>2</sub> O	Pest / PCB	4	950 ml amber	—
1	H <sub>2</sub> O	VOC Trip Blk	3	40 ml WA	fill bucket D.I / HCl

- Coolers:
- COC:
- Blue Ice:
- Vermiculite:
- Bottles Chargeable:
- Supplies Chargeable:
- Shipping Chargeable:

special instructions:



REFERENCE No.: 2478

BOTTLE REQUEST FORM

PAGE 1

PROJECT MANAGER: MY

SUE (ORIGINAL)  
LAMONT (2)

REQUESTED BY: MIKE YOUNG

SENT TO: OXYCHEM LOVE CANAL TRTMNT FAC  
805 97th ST.  
NIAGARA FALLS, NY 14304  
ATT: SCOTT PARKHILL

DATE OF REQUEST: 05/23/95  
DATE BOTTLES NEEDED: 05/25/95

CLIENT I.D.: CRA-LOVE CANAL  
W.O. No.:

PICKED UP BY:  
PICK UP DATE: 05/24/95

LOT NUMBER	PARAMETERS REQUESTED	BOTTLES: PREP'D.	BOTTLES AND SUPPLIES	PRESERVATIVE ADDED
		3	COOLERS	
			VERMICULITE	
			BLUE ICE	
			CHAIN OF CUSTODY	

COMMENTS: LARGE COOLERS

BOTTLES PREPARED BY: NR  
DATE: 5 24 1995  
COOLER NUMBERS: 841, 318, 810

BOTTLES CHARGEABLE : NO  
SHIPPING CHARGEABLE: NO

SHIPPING CONFIRMATION: NR  
SHIPPING: \$ 0.00  
HANDLING: \$ 0.00