APPENDIX C
METER CALIBRATION LOGS

Meter Calibration Log

PAGE 1 of 1

Project Number: 114-02 1356 101.1 Project Name: FORMOSA 4th QTR 2011
Location: PT. COMFORT, TX Time on Job: 0835 AM/PM to: AM/PM 1915
Weather Conditions: CLEAR SKIES ≈ 50°
Sampler: APM

Horiba U-22XD

Manufacturer Number: 7013007 Manufacturer Date: January 17, 2007 Purchase Date: January 7, 2008

Calibration Method (check one):
One-Point Meter Calibration with 100-4 Auto Cal Solution ✓ Two-Point Meter Calibration ✓

pH Meter

Time	pH 4 Check	pH 7 Check	pH 10 Check	Temp of Sol(°C)	Comments
1000	4.00			15.3	
↓		7.00		15.1	
Buffer Lot Numbers:	pH 4: ✓	pH 7: ✓	pH 10:		

Conductivity Meter

Time	Corrected Cond. @ 25°C	Temp of Calibration Soln (°C)	Comments
1000	0.450	15.5	

Turbidity Meter

Time	Reading (NTU)	(NTU)	Comments
1000	0.0	0 - 10.0 range	

Dissolved Oxygen Meter

Time	% Saturation mg/L	Temp of Calibration Soln (°C)	Comments
1000	10.41	15.5	

Oxidation-Reduction Potential (ORP)

Time	mV	Temp of Calibration Soln (°C)	Comments
1000	192	15.5	

Signature: [signature] Date: 11/28/2011

Meter Calibration Log 11/29/11	PAGE 1 of 1
Project Number: 114-021356	Project Name: Former Plastics
Location: Point Comfort	Time on Job: 730 AM/PM to: AM/PM
Weather Conditions: -45°, clear	
Sampler: Chaz Frankenberg	

Horiba U-52

Manufacturer Number:	Manufacturer Date: August 2010	Purchase Date: December 2010
Calibration Method (check one): One-Point Meter Calibration with 100-4 Auto Cal Solution ✓	Two-Point Meter Calibration ✓	

pH Meter

Time	pH 4 Check	pH 7 Check	pH 10 Check	Temp of Sol(°C)	Comments
0745	4.01	7.00	10.02	14.1	
Buffer Lot Numbers:	pH 4: ✓	pH 7: ✓	pH 10: ✓		

Conductivity Meter

Time	Corrected Cond. @ 25°C	Temp of Calibration Soln (°C)	Comments
0745	4.49	14.1	

Turbidity Meter

Time	Reading (NTU)	(NTU)	Comments
0745	0.0	0 - 10.0 range	

Dissolved Oxygen Meter

Time	% Saturation	Temp of Calibration Soln (°C)	Comments
0745	11.83		

Oxidation-Reduction Potential (ORP)

Time	mV	Temp of Calibration Soln (°C)	Comments
0745	249	14.1	

Signature: [signature] Date: 11/29/11

Meter Calibration Log	PAGE 1 of 1
Project Number: 114-021356 Project Name: FORMOSA 4TH QTR 2011	
Location: PT COMFORT, TX Time on Job: 0700 AM/PM to: AM/PM 1800	
Weather Conditions: CLEAR SKIES ~ 50°	
Sampler: ABM	

Horiba U-22XD

Manufacturer Number: 7013007	Manufacturer Date: January 17, 2007	Purchase Date: January 7, 2008
Calibration Method (check one): One-Point Meter Calibration with 100-4 Auto Cal Solution ✓ Two-Point Meter Calibration ✓		

pH Meter

Time	pH 4 Check	pH 7 Check	pH 10 Check	Temp of Sol(°C)	Comments
0715	4.00			18.8	
↓		7.00		18.7	
Buffer Lot Numbers:	pH 4: ✓	pH 7: ✓	pH 10:		

Conductivity Meter

Time	Corrected Cond. @ 25°C	Temp of Calibration Soln (°C)	Comments
0710	4.49	18.4	

Turbidity Meter

Time	Reading (NTU)	(NTU)	Comments
0710	0.0	0 - 10.0 range	

Dissolved Oxygen Meter

Time	% Saturation mg/L	Temp of Calibration Soln (°C)	Comments
0710	9.4	18.4	

Oxidation-Reduction Potential (ORP)

Time	mV	Temp of Calibration Soln (°C)	Comments
0710	252	18.4	

Signature: [signature] Date: 11/29/2011

APPENDIX D
DAILY FIELD RECORDS AND SAFETY FORMS

TETRA TECH

Safety Excellence

TETRA TECH - MM
DAILY SAFETY MEETING ATTENDANCE FORM

Instructions: Conduct a daily safety meeting prior to beginning each day's site activities Complete form, obtain signatures, and file with the Daily Summary. Follow-up on any noted items and document resolution of any action items.

Project Name	Project Number	Date	Meeting Facilitator
FORMOSA 4th DTR 2011	114-021356	11/28/2011	ARNOLD MOTA

Check the Topics/Information Reviewed:

☑ Daily work Scope	☐ Respirators / proper cartridges	☐ Parking and lay down
☑ Emergency Protocols/Hospital Route/Evacuation Area	☑ Safety is everyone's responsibility / Stop work	☐ Hot work permits
☑ Site safety plan review and location	☑ Inner gloves/outer gloves	☐ Strains and sprains
☑ Personal protective equipment	☐ Anticipated visitors	☑ Noise hazards
☑ First aid measures	☐ Electrical ground fault	☐ Heat Stress
☐ Equipment and machinery familiarization	☐ Public safety and fences	☑ Cold stress
☑ Slips, trips and falls	☐ Excavator swing and loading	☑ Backing up hazards
☐ Employee Right-To-Know/MSDS location	☑ Orderly site and housekeeping	☐ Dust and vapor control
☑ Open pits, excavations, and site hazards	☐ Smoking in designated areas	☐ Refueling procedures
☑ Vehicle safety and driving/road conditions	☐ Hand protection	☐ Confined space entry
☐ Overhead utility locations and clearance	☑ Being well rested / mentally alert	☐ Flying debris hazards
☐ Underground utilities / subsurface structure locates	☐ Vibration related injuries	☐ Location/use of the CRZ/Support Zone
☐ Sharp object, rebar and scrap metal hazards	☑ Fire extinguisher locations	☑ Portable tool safety and awareness
☐ Upgrade to level C at PID (___ eV) > ___ ppm	☑ Eye wash station locations	☐ Heavy equipment use
☐ Stop Work at: PID (___ eV) > ___ ppm, % LEL > 10%	☑ Decontamination procedures	☐ Location and operation of kill switches
☐ Excavation/trenching inspections/documentation	☑ Cost and impacts of accidents	☐ Traffic control / Barricades

Provide further detail on topics covered along with discussions and comments

ATTENDEES

Name	Signature	Company	Name	Signature	Company
ARNOLD MOTA	[signature]	TETRA TECH			
Charfranlaw	[signature]	Tetra tech			

DAILY OBSERVATIONS / SAFETY SECOND

Date/Time/Observer Name: 11/28/11 / 1610 / ARNOLD MOTA

The observer should stop work at least once per day and check off the elements below as they are observed. Additional observations and any corrective actions should be noted below:

Emergency procedures/hospital route readily available?	☑ Y	☐ N	Are all workers alert and focused on work scope?	☑ Y	☐ N
Is work area clear / good housekeeping?	☑ Y	☐ N	Appropriate body use and positioning for the task?	☑ Y	☐ N
Are vehicle paths clear in front and rear?	☑ Y	☐ N	Designated PPE is being used?	☑ Y	☐ N
Is work area protected from vehicular/human traffic?	☑ Y	☐ N	Hazard Assessment conducted and available?	☑ Y	☐ N
Wind direction? SE Work positioned upwind?	☑ Y	☐ N	Workers following procedures/safe work practices?	☑ Y	☐ N
Dust or vapor control implemented as necessary? NA	☐ Y	☐ N	Proper tools being used for the tasks?	☑ Y	☐ N
MSDS for every chemical onsite?	☑ Y	☐ N	Lone worker considerations addressed/contacts made?	☑ Y	☐ N
Contractor / subcontractor safety plans bridged? NA	☐ Y	☐ N	Measures taken to prevent heat/cold stress?	☑ Y	☐ N

Other Observations and Comments / Corrective Actions

DAILY FIELD RECORD

DATE: 11/28/2011

PAGE 1 of 2

Project Number: 114-021356 101.1 Project Name: FORMOSA 4th QTR 2011

Location: PT COMFORT, TX Time on Job: 0835 AM/PM to: AM/PM 1915

Weather Conditions: CLEAR SKIES ~ 50°

Activity: GW GAUGING / SAMPLING

PERSONNEL ON SITE

Name	Company	Training Completed? Yes/No	Time In	Time Out
ARNOLD MOTA	TETRA TECH	YES	0835	1915
CHAZ FRANKENBERRY	TETRA TECH	YES	1030	1915

VISITORS ON SITE

Name	Company/Agency	Time In	Time Out

PERSONAL SAFETY

✓	Protective Gloves	✓	Hard Hat		Tyvek Coveralls
✓	Protective Boots	✓	Safety Goggles/Glasses		Respirator (Half/Full)
✓	Hearing Protection		Insect Repellant Applied?		Ivy Block Applied?
Other Safety Equipment (describe):			Sunscreen Applied?		

SAFETY EQUIPMENT

Monitoring Equipment:	Serial / Rental No.	Field Calibration: Std.	Result

WASTE STORAGE INVENTORY

Container Type	Container ID	Description of Contents and Quantity	Location
55 Gal Drums		Purged / Decon Water	

SIGNATURE OF FIELD REPRESENTATIVE:

DATE: 11/28/2011

Tetra Tech, Inc.
7800 Shoal Creek Blvd.
Suite 253 East
Austin, TX 78757
(512) 338-1667 Fax (512) 338-1331

DAILY FIELD RECORD
(continued)

DATE: 11/28/2011

TIME	DESCRIPTION OF DAILY ACTIVITIES & EVENTS
0835	ARRIVE ONSITE. CHECK IN WITH MATT BROGGER (FORMOSA) FOR
	PAPERWORK SIGNATURES, CONTRACTING PERSONNEL AND BADGE/
	TRUCK VEHICLE STICKER SIGNATURES
1030	CHAZ F ARRIVES ONSITE. SIGNATURES FROM MATT B / CONTRACTING
1135	AT LAB FOR BOTTLE SETS
1155	TAILGATE SAFETY MEETING
1307	BEGIN PURGING / SAMPLING D-32
1357	BEGIN PURGING / SAMPLING D-33 (Dup-01)
1458	BEGIN PURGING / SAMPLING D-34
1533	BEGIN PURGING / SAMPLING P-18
1617	BEGIN PURGING / SAMPLING D-5
1656	BEGIN PURGING / SAMPLING D-16
1720	FB-01
1730	BEGIN PURGING / SAMPLING P-57
1800	DISPOSED OF PURGED / RECON WATER
1815	AT LAB
1845	C.O.C SIGNED BY FORMOSA LAB
1915	TETRA TECH OFFSITE

COMMENTS / COMMUNICATIONS:

SIGNATURE OF FIELD REPRESENTATIVE:

DATE: 11/28/2011

Tetra Tech, Inc.
7800 Shoal Creek Blvd.
Suite 253 East
Austin, TX 78757
(512) 338-1667 Fax (512) 338-1331

TETRA TECH

Safety Excellence

TETRA TECH - MM
DAILY SAFETY MEETING ATTENDANCE FORM

Instructions: Conduct a daily safety meeting prior to beginning each day's site activities Complete form, obtain signatures, and file with the Daily Summary. Follow-up on any noted items and document resolution of any action items.

Project Name	Project Number	Date	Meeting Facilitator
FORMOSA 4th QTR 2011	114-021356	11/29/2011	ARNOLD MOTA

Check the Topics/Information Reviewed:

☑ Daily work Scope	☐ Respirators / proper cartridges	☑ Parking and lay down
☑ Emergency Protocols/Hospital Route/Evacuation Area	☑ Safety is everyone's responsibility / Stop work	☐ Hot work permits
☑ Site safety plan review and location	☑ Inner gloves/outer gloves	☐ Strains and sprains
☑ Personal protective equipment	☐ Anticipated visitors	☐ Noise hazards
☑ First aid measures	☐ Electrical ground fault	☐ Heat Stress
☑ Equipment and machinery familiarization	☐ Public safety and fences	☑ Cold stress
☑ Slips, trips and falls	☐ Excavator swing and loading	☑ Backing up hazards
☐ Employee Right-To-Know/MSDS location	☑ Orderly site and housekeeping	☐ Dust and vapor control
☑ Open pits, excavations, and site hazards	☐ Smoking in designated areas	☐ Refueling procedures
☑ Vehicle safety and driving/road conditions	☑ Hand protection	☐ Confined space entry
☐ Overhead utility locations and clearance	☑ Being well rested / mentally alert	☐ Flying debris hazards
☐ Underground utilities / subsurface structure locates	☐ Vibration related injuries	☐ Location/use of the CRZ/Support Zone
☐ Sharp object, rebar and scrap metal hazards	☑ Fire extinguisher locations	☑ Portable tool safety and awareness
☐ Upgrade to level C at PID (___ eV) > ___ ppm	☑ Eye wash station locations	☐ Heavy equipment use
☐ Stop Work at: PID (___ eV) > ___ ppm, % LEL > 10%	☑ Decontamination procedures	☐ Location and operation of kill switches
☐ Excavation/trenching inspections/documentation	☑ Cost and impacts of accidents	☐ Traffic control / Barricades

Provide further detail on topics covered along with discussions and comments

ATTENDEES

Name	Signature	Company	Name	Signature	Company
ARNOLD MOTA	[signature]	TETRA TECH			
Cruz Franco	[signature]	"			

DAILY OBSERVATIONS / SAFETY SECOND

Date/Time/Observer Name: 11/29/2011 / 1247 / ARNOLD MOTA

The observer should stop work at least once per day and check off the elements below as they are observed. Additional observations and any corrective actions should be noted below:

Emergency procedures/hospital route readily available?	☑ Y	☐ N	Are all workers alert and focused on work scope?	☑ Y	☐ N
Is work area clear / good housekeeping?	☑ Y	☐ N	Appropriate body use and positioning for the task?	☑ Y	☐ N
Are vehicle paths clear in front and rear?	☑ Y	☐ N	Designated PPE is being used?	☑ Y	☐ N
Is work area protected from vehicular/human traffic?	☑ Y	☐ N	Hazard Assessment conducted and available?	☑ Y	☐ N
Wind direction? SE Work positioned upwind?	☑ Y	☐ N	Workers following procedures/safe work practices?	☑ Y	☐ N
Dust or vapor control implemented as necessary? NA	☐ Y	☐ N	Proper tools being used for the tasks?	☑ Y	☐ N
MSDS for every chemical onsite?	☑ Y	☐ N	Lone worker considerations addressed/contacts made?	☑ Y	☐ N
Contractor / subcontractor safety plans bridged? NA	☐ Y	☐ N	Measures taken to prevent heat/cold stress?	☑ Y	☐ N

Other Observations and Comments / Corrective Actions

DAILY FIELD RECORD

DATE: 11/29/2011

Project Number: 114-021356 101.1 Project Name: FORMOSA HW SITE 2011

Location: PT COMFORT, TX Time on Job: 0700 AM/PM to: AM/PM 1800

Weather Conditions: CLEAR SKIES ~50

Activity: GW SAMPLING

PERSONNEL ON SITE

Name	Company	Training Completed? Yes/No	Time In	Time Out
ARNOLD MOTA	TETRA TECH	YES	0700	1800

VISITORS ON SITE

Name	Company/Agency	Time In	Time Out

PERSONAL SAFETY

✓	Protective Gloves	✓	Hard Hat		Tyvek Coveralls
✓	Protective Boots	✓	Safety Goggles/Glasses		Respirator (Half/Full)
✓	Hearing Protection		Insect Repellant Applied?		Ivy Block Applied?
Other Safety Equipment (describe):			Sunscreen Applied?		

SAFETY EQUIPMENT

Monitoring Equipment:	Serial / Rental No.	Field Calibration: Std.	Result

WASTE STORAGE INVENTORY

Container Type	Container ID	Description of Contents and Quantity	Location
55 GAL DRUM		PURGED / DECON WATER	ONSITE

SIGNATURE OF FIELD REPRESENTATIVE:

DATE: 11/29/2011

Tetra Tech, Inc.
7800 Shoal Creek Blvd.
Suite 253 East
Austin, TX 78757
(512) 338-1667 Fax (512) 338-1331

DAILY FIELD RECORD
(continued)

DATE: 11/29/2011

TIME	DESCRIPTION OF DAILY ACTIVITIES & EVENTS
0700	ARRIVE ONSITE.
0710	CALIBRATE FIELD METER
0720	BOTTLES FROM LAB
0740	AT P-56
0747	BEGIN PURGING/SAMPLING P-56
0828	BEGIN PURGING/SAMPLING P-15
0905	BEGIN PURGING/SAMPLING P-4
0952	BEGIN PURGING/SAMPLING D-4
1030	BEGIN PURGING/SAMPLING P-14
1113	BEGIN PURGING/SAMPLING P-55 (Dup-02)
~~1211~~ 1155	FB-02
1216	BEGIN PURGING/SAMPLING P-51
1251	BEGIN PURGING/SAMPLING P-50
1323	BEGIN PURGING/SAMPLING D-21
1412	BEGIN PURGING/SAMPLING P-10
1456	BEGIN PURGING/SAMPLING D-41
1536	BEGIN PURGING/SAMPLING D-39
1608	BEGIN PURGING/SAMPLING P-48
1715	DISPOSED PURGED/DECON WATER IN DRUMS
1730	SAMPLES TURNED IN TO LAB PERSONNEL. SIGN C.O.C.S
1800	TETRA TECH OFFSITE

COMMENTS / COMMUNICATIONS:

Trip Blank-2 11/28/11 ES.

SIGNATURE OF FIELD REPRESENTATIVE:

DATE: 11/29/2011

Tetra Tech, Inc.
7800 Shoal Creek Blvd.
Suite 253 East
Austin, TX 78757
(512) 338-1667 Fax (512) 338-1331

DAILY FIELD RECORD
(continued)

DATE: 7/29/11

PAGE 1 of 1

TIME	DESCRIPTION OF DAILY ACTIVITIES & EVENTS
0720	TT on-site - to lab for bottles
0755	UCM permit required
0815	Calibrate Horiba
0845	Sampled Stripper In
0855	Sampled Stripper out
0945	Sampled p-12
1005	Sampled d-2
1020	Sampled RS-1
1030	Sampled RD-1
1045	Checked on ARM/sonicated
1120	Back to work
1140	Sampled d-14
1210	Sampled d-13
1235	Sampled d-12
1325	Sampled p-9; Duplicate "Dup-03" taken
1345	Field Blank "FB-03" prepared
1430	Sampled d-3
1500	Sampled p-3
1540	Sampled p-24
1600	Sampled RS-4
1610	Sampled RS-5
1630	Packed up / Decon Dup, etc
1715	Start Coc's / dump trash
1830	TT off site

COMMENTS / COMMUNICATIONS:

SIGNATURE OF FIELD REPRESENTATIVE:

DATE: 7/29/11

Tetra Tech, Inc.
7800 Shoal Creek Blvd.
Suite 253 East
Austin, TX 78757
(512) 338-1667 Fax (512) 338-1331

APPENDIX E
COMPLETE LIST OF VOC ANALYTES

APPENDIX E
SUMMARY OF VOC ANALYTES

Dichlorodifluromethane	Tetrachloroethene
Chloromethane	Chlorobenzene
vinyl chloride	1,1,1,2-tetrachloroethane
Bromomethane	Ethylbenzene
Chloroethane	m+p-xylene
Trichlorofluoromethane	Styrene
1,1-dichloroethene	Bromoform
methylene chloride	o-xylene
trans-1,2-dichloroethene	1,1,2,2-tetrachloroethane
1,1-dichloroethane	1,2,3-trichloropropane
cis-1,2-dichloroethene	Isopropylbenzene
2,2-dichloropropane	Bromobenzene
Bromochloromethane	2-chlorotoluene
Chloroform	n-propylbenzene
1,1,1-trichloroethane	4-chlorotoluene
1,2-dichloroethane (EDC)	1,3,5-trimethylbenzene
1,1-dichloropropene	1,2,4-triethylbenzene
Benzene	tert-butylbenzene
carbon tetrachloride	1,3-dichlorobenzene
1,2-dichloropropane	sec-butylbenzene
Trichloroethene	1,4-dichlorobenzene
Dibromomethane	4-isopropyltoluene
Bromodichloromethane	1,2-dichlorobenzene
trans-1,3-dichloropropene	n-butylbenzene
cis-1,3-dichloropropene	1,2-dibromo-3-chloropropane
Toluene	1,2,4-trichlorobenzene
1,1,2-trichloroethane	Naphthalene
1,3-dichloropropane	1,2,3-trichlorobenzene
Dibromochloromethane	hexachlorobutadiene
1,2-dibromoethane	

APPENDIX F
CHAIN-OF-CUSTODY FORMS

FORMOSA PLASTICS CORPORATION
ANALYTICAL LABORATORY DEPARTMENT
Point Comfort Expansion Facility

No. 09967

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Tetra Tech	PROJECT NAME/NUMBER: 114-021356
DEPARTMENT:	BILLING INFORMATION
SEND REPORT TO: Erik Klink	BILL TO:
ADDRESS: 7800 Shoal Creek Blvd 253E	COMPANY:
Austin, TX 78757	DEPARTMENT:
PHONE: 512-338-1667	PHONE:
FAX:	FAX: PO NO.:

SAMPLE POINT	SAMPLE DATE	SAMPLE TIME	SAMPLE TYPE (G/C)	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: VOC							COMMENTS: FLOW / TOTALIZER
✓ Stripper In	11/29/11	0845	G	W	40mL	HCl	4	X							
✓ Stripper Out		0855	G	W	40mL	HCl	4	X							
✓ p-12		0945	G	W	40mL	HCl	4	X							
✓ d-2		1005	G	W	40mL	HCl	4	X							
✓ RS-1		1020	G	W	40mL	HCl	4	X							
✓ RD-1		1030	G	W	40mL	HCl	4	X							
✓ d-14		1140	G	W	40mL	HCl	4	X							
✓ d-13		1210	G	W	40mL	HCl	4	X							
✓ d-12		1235	G	W	40mL	HCl	4	X							
✓ p-9		1325	G	W	40mL	HCl	4	X							
✓ FB-03		1345	G	W	40mL	HCl	4	X							

SAMPLER: Chaz Frankenberry SHIPMENT METHOD: Hand Deliver COOLER TEMP: 2°

REQUIRED TURNAROUND* ☐ EMERGENCY ☐ NORMAL ☐ OTHER Per Contract

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

RELINQUISHED BY: SIGNATURE:	PRINTED NAME	DEPARTMENT/COMPANY	DATE	TIME	RECEIVED BY: SIGNATURE:	PRINTED NAME	DEPARTMENT/COMPANY
[signature]	Chaz Frankenberry	Tetra Tech	11/29/11	1805	[signature]	Kristin Tomanec	Technical

*KEY: Sample Type: G - grab C - composite Matrix: AQ-aqueous NA- nonagueous SO- Soil SL-sludge P-petroleum A-air OT-other Containers: P-plastic G-glass T-teflon B-steel bomb OT-other

FORMOSA PLASTICS CORPORATION
ANALYTICAL LABORATORY DEPARTMENT
Point Comfort Expansion Facility

page 2 of 2

No. 09969

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Tetra Tech	PROJECT NAME/NUMBER: 114-021356
DEPARTMENT:	BILLING INFORMATION
SEND REPORT TO: Erik Klink	BILL TO:
ADDRESS: 7800 Shoal Creek Blvd 253E, Austin, TX 78757	COMPANY:
	DEPARTMENT:
PHONE: 512.338-1667	PHONE:
FAX:	FAX: PO NO.:

	SAMPLE POINT	SAMPLE DATE	SAMPLE TIME	SAMPLE TYPE (G/C)	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: VOC	COMMENTS: FLOW / TOTALIZER
✓	d-3	11/29/11	1430	G	W	40mL	HCl	4	X	
✓	p-3		1500	G	W	40mL	HCl	4	X	
✓	p-24		1540	G	W	40mL	HCl	4	X	
✓	RS-4		1600	G	W	40mL	HCl	4	X	
✓	RS-5		1610	G	W	40mL	HCl	4	X	
✓	Dup-03		0000	G	W	40mL	HCl	4	X	
✓	TB-03	Lab supplied	Lab supplied	—	W	40mL	HCl	2	X	

SAMPLER: Chaz Frankenberg

SHIPMENT METHOD: Hand Deliver

COOLER TEMP: 2°

REQUIRED TURNAROUND* ☐ EMERGENCY ☐ NORMAL ☐ OTHER Per Contract

RELINQUISHED BY: SIGNATURE	PRINTED NAME	DEPARTMENT/COMPANY	DATE	TIME	RECEIVED BY: SIGNATURE	PRINTED NAME	DEPARTMENT/COMPANY
[signature]	Chaz Frankenberg	Tetra Tech	11/29/11	1805	[signature]	Kristin Tomanec	Technical

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

*KEY: Sample Type: G - grab C - composite Matrix: AQ-aqueous NA- nonagueous SO- Soil SL-sludge P-petroleum A-air OT-other Containers: P-plastic G-glass T-teflon B-steel bomb OT-other

FORMOSA PLASTICS CORPORATION
ANALYTICAL LABORATORY DEPARTMENT
Point Comfort Expansion Facility

No. 09966

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Formosa Plastics Corp	PROJECT NAME/NUMBER: 4th Qtr GW Sampling / 114-021356
DEPARTMENT: Laboratory	BILLING INFORMATION
SEND REPORT TO:	BILL TO:
ADDRESS: 201 Formosa Dr Point Comfort, TX 77978	COMPANY:
	DEPARTMENT:
PHONE: 361-987-7316	PHONE:
FAX:	FAX: PO NO.:

SAMPLE POINT	SAMPLE DATE	SAMPLE TIME	SAMPLE TYPE (G/C)	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	VOC								COMMENTS FLOW / TOTALIZER
D-32	11/28/11	1329	G	W	40ml	HCL	4	X								
D-33	11/28/11	1414	G	W	40 mL	HCL	4	X								
D-34	11/28/11	1510	G	W	40 mL	HCL	4	X								
Dup-01	11/28/11	—	G	W	40mL	HCL	4	X								
P-18	11/28/11	1550	G	W	40mL	HCL	4	X								
D-5	11/28/11	1634	G	W	40 mL	HCL	4	X								
D-16	11/28/11	1708	G	W	40mL	HCL	4	X								
FB-01	11/28/11	1720	G	W	40mL	HCL	4	X								
P-57	11/28/11	1747	G	W	40mL	HCL	4	X								
Trip Blank-01	11/28/11	Lab Supplied	G	W	40mL	HCL	1	X								

SAMPLER: Arnold Mota

SHIPMENT METHOD: Hand Deliver

COOLER TEMP: 3°

REQUIRED TURNAROUND* ☐ EMERGENCY ☒ NORMAL ☐ OTHER

RELINQUISHED BY: SIGNATURE:	PRINTED NAME	DEPARTMENT/COMPANY	DATE	TIME	RECEIVED BY: SIGNATURE:	PRINTED NAME	DEPARTMENT/COMPANY
[signature]	Arnold Mota	Tetra Tech	11/28/11	1845	[signature]	Mark A Sauna	Tet

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

*KEY: Sample Type: G - grab C - composite Matrix: AQ-aqueous NA- nonagueous SO- Soil SL-sludge P-petroleum A-air OT-other Containers: P-plastic G-glass T-teflon B-steel bomb OT-other

FORMOSA PLASTICS CORPORATION

FORMOSA PLASTICS CORPORATION
ANALYTICAL LABORATORY DEPARTMENT
Point Comfort Expansion Facility

pg 1 of 2

No. 09968

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Formosa Plastic Corp.	PROJECT NAME/NUMBER: 4th Qtr GW Sampling / 114-021356
DEPARTMENT: Laboratory	BILLING INFORMATION
SEND REPORT TO:	BILL TO:
ADDRESS: 201 Formosa Dr Point Comfort, TX 77978	COMPANY:
	DEPARTMENT:
PHONE: 361-987-7316	PHONE:
FAX:	FAX: PO NO.:

SAMPLE POINT	SAMPLE DATE	SAMPLE TIME	SAMPLE TYPE (G/C)	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS/METHOD REQUEST: VOC							COMMENTS: FLOW / TOTALIZER
P-56	11/29/11	0804	G	W	40mL	HCL	4	X							
P-15	11/29/11	0845	G	W	40mL	HCL	4	X							
P-4	11/29/11	0922	G	W	40mL	HCL	4	X							
D-4	11/29/11	1009	G	W	40mL	HCL	4	X							
P-14	11/29/11	1047	G	W	40mL	HCL	4	X							
P-55	11/29/11	1135	G	W	40mL	HCL	4	X							
FB-02	11/29/11	1155	G	W	40mL	HCL	4	X							
Dup-02	11/29/11	—	G	W	40mL	HCL	4	X							
P-51	11/29/11	1233	G	W	40mL	HCL	4	X							
P-50	11/29/11	1308	G	W	40mL	HCL	4	X							
D-21	11/29/11	1345	G	W	40mL	HCL	4	X							

SAMPLER: Arnold Mota

SHIPMENT METHOD: Hand Deliver

COOLER TEMP: 3°c

REQUIRED TURNAROUND* ☐ EMERGENCY ☒ NORMAL ☐ OTHER

RELINQUISHED BY: SIGNATURE:	PRINTED NAME	DEPARTMENT/COMPANY	DATE	TIME	RECEIVED BY: SIGNATURE:	PRINTED NAME	DEPARTMENT/COMPANY
	Arnold Mota	Tetra Tech, Inc	11/29/11	1730		A. Ramos	TCH

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

*KEY: Sample Type: G - grab C - composite Matrix: AQ-aqueous NA- nonagueous SO- Soil SL-sludge P-petroleum A-air OT-other Containers: P-plastic G-glass T-teflon B-steel bomb OT-other

FORMOSA PLASTICS CORPORATION
ANALYTICAL LABORATORY DEPARTMENT
Point Comfort Expansion Facility

pg 2 of 2

No. 09971

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Formosa Plastic Corp	PROJECT NAME/NUMBER:
DEPARTMENT: Laboratory	BILLING INFORMATION
SEND REPORT TO:	BILL TO:
ADDRESS: 201 Formosa Dr. Point Comfort, Tx 77978	COMPANY:
	DEPARTMENT:
PHONE: 361-987-7316	PHONE:
FAX:	FAX: PO NO.:

SAMPLE POINT	SAMPLE DATE	SAMPLE TIME	SAMPLE TYPE (G/C)	SAMPLE MATRIX	CONTAINER	PRESERV	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: VOC								COMMENTS FLOW / TOTALIZER
P-10	11/29/11	1434	G	W	40mL	HCL	4	X								
D-41	11/29/11	1518	G	W	40mL	HCL	4	X								
D-39	11/29/11	1553	G	W	40mL	HCL	4	X								
P-48	11/29/11	1625	G	W	40mL	HCL	4	X								
Trip Blank-2	11/28/11	Lab Supplied	G	W	40mL	HCL	1	X								

SAMPLER: Arnold Mota

SHIPMENT METHOD: Hand Deliver

COOLER TEMP: 3°C

REQUIRED TURNAROUND* ☐ EMERGENCY ☒ NORMAL ☐ OTHER

RELINQUISHED BY: SIGNATURE	PRINTED NAME	DEPARTMENT/COMPANY	DATE	TIME	RECEIVED BY: SIGNATURE	PRINTED NAME	DEPARTMENT/COMPANY
[signature]	Arnold Mota	Tetra Tech Inc.	11/29/11	1730	[signature]	A. Ramos	Tech

*RUSH TURNAROUND MAY REQUIRE SURCHARGE

*KEY: Sample Type: G - grab C - composite Matrix: AQ-aqueous NA- nonagueous SO- Soil SL-sludge P-petroleum A-air OT-other Containers: P-plastic G-glass T-teflon B-steel bomb OT-other

[redacted]

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client: TETRA TECH, INC.	Project Manager: ERIC KLINK	Date: 11/30/2011	Chain of Custody Number: 204838
Address: 7800 SHOAL CREEK BLVD STE 253E	Telephone Number (Area Code)/Fax Number: (512) 338-1667 / (512) 338-1331	Lab Number	Page 1 of 1
City: AUSTIN; State: TX; Zip Code: 78757	Site Contact	Lab Contact: S. KUDCHADKAR	
Project Name and Location (State): ~~FORMS~~ FORMOSA POINT COMFORT	Carrier/Waybill Number: FED EX 8689 3571 0648		
Contract/Purchase Order/Quote No.: 114-021356			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): 8260B (MOD)	Special Instructions/ Conditions of Receipt
D-33	11/28/11	1414		X						4			X	TARGET COMPOUND LIST ON ALL SAMPLES
P-55	11/29/11	1135		X						4			X	
P-9	11/29/11	1325		X						4			X	
TRIP BLANKS	LAB SUPPLIED	LAB SUPPLIED		X						2			X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other PER CONTRACT

QC Requirements (Specify)

1. Relinquished By: [signature]	Date: 11/30/11	Time: 1715	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

APPENDIX G
FPC-TX LABORATORY ANALYTICAL REPORT

FORMOSA PLASTICS CORPORATION
LS & QA DEPARTMENT
INTEROFFICE MEMORANDUM

To: Matt Brogger, EH&S Department
Through: Steve Lee, General Lab
From: Michael J. Rodriguez, General Lab
Date: 01/19/2012

RE: 2011 4th Quarter VCM-Groundwater Samples

This report includes 88 pages of sample result reports and their associated QC data. Signing below will waive the signatures on the attached individual sample reports.

QA Supervisor: Michael J. Rodriguez

Department Head: Steve Lee

CoverLetter.doc

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112051523	**Project:**	Ground Water	**Sampler:**	FO	**Batch:**	
	Location:	D-32	**Collected:**	11/28/2011	**Time:**	13:29
	Sample Type:	Grab	**Received:**	11/28/2011	**Time:**	18:45
	Customer:	VCM	**Started:**		**Due:**	
	Cust. Sample:	D-32	**Completed:**	12/6/2011	**Reported:**	

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			200.36	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			25.7	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			23.22	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			471.75	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			39.18	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			18.1	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			42.44	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			12.2	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 10	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 10	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 10	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	99588	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	51.85	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	148052	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	156029	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	52.22	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	48.3	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	84620	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111205152A	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	D-33	Collected:	11/28/2011	Time:	14:14	
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	d-33	Completed:	12/6/2011	Reported:		

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			32.93	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			30.88	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			16.27	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	99509	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	51.75	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	147661	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	157349	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	52.48	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	46.69	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	85668	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

1112051524	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-34	Collected:	11/28/2011	Time:	15:10
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	d-34	Completed:	12/6/2011	Reported:	

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			12.13	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			6.97	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	98772	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	53.11	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	146423	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	153814	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	51.21	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	47.26	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	84859	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111205152B	**Project:**	Ground Water	**Sampler:**	FO	**Batch:**	
	Location:	VCM Groundwater Dup-1	**Collected:**	11/28/2011	**Time:**	
	Sample Type:	Grab	**Received:**	11/28/2011	**Time:**	18:45
	Customer:	VCM	**Started:**		**Due:**	
	Cust. Sample:	duplicate 1	**Completed:**	12/6/2011	**Reported:**	

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			35.99	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			5.04	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			31.59	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			14.99	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	94240	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	52.31	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	141717	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	145719	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	50.95	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	46.85	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	80001	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112051525	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	P-18	Collected:	11/28/2011	Time:	15:50	
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	p-18	Completed:	12/6/2011	Reported:		

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			715.6	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 50	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 50	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 50	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	95725	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	53.25	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	144615	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	153902	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	52.45	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	46.59	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	83584	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112051526	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-5	Collected:	11/28/2011	Time:	16:34
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	d-5	Completed:	12/6/2011	Reported:	

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	110739	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	51.02	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	164726	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	172083	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	52.12	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	48.82	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	96781	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112051527	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	D-16	Collected:	11/28/2011	Time:	17:08	
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	d-16	Completed:	12/6/2011	Reported:		

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			52.46	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	98752	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	51.82	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	146808	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	154523	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	52.72	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	47.93	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	85975	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111205152C	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	Field Blank	Collected:	11/28/2011	Time:	17:20
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	fb-01	Completed:	12/6/2011	Reported:	

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis		In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501	Groundwater Volatiles							
OVL002	dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL003	chloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL004	vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL005	bromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL006	chloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL007	trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL008	1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL009	methylene chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL010	trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL011	1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL012	cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL013	2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL014	bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL015	chloroform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL017	1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL018	1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL019	1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL020	benzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL021	carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL023	1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL024	trichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL025	dibromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL026	bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL027	trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL030	cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL031	toluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL032	1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL033	1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL034	dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL035	1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL036	tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL037	chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL038	1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	105033	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	50.64	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	155273	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	163201	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	51.72	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	48.02	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	89093	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112051528	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	P-57	Collected:	11/28/2011	Time:	17:47
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	p-57	Completed:	12/6/2011	Reported:	

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			74800	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			851300	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL048 isopropylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-isopropyltoluene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 50000	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	95463	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	52.15	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	144458	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	150187	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	51.49	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	47.73	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	81131	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111205152D	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	Trip Blank	Collected:	11/28/2011	Time:	0:00	
	Sample Type:	Grab	Received:	11/28/2011	Time:	18:45	
	Customer:	VCM	Started:		Due:		
	Cust Sample:	tb-01	Completed:	12/6/2011	Reported:		

Description: 4th qtr gw 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL048 Isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL059 4-Isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/29/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/29/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	108091	N/A	FTTC4501	jjc	11/29/2011
OVL016 dibromofluromethane	56	46	51.35	µg/L	FTTC4501	jjc	11/29/2011
OVL022 1,4-diflurobenzene	397270	99318	158690	N/A	FTTC4501	jjc	11/29/2011
OVL028 chlorobenzene-d5	397110	99278	167246	N/A	FTTC4501	jjc	11/29/2011
OVL029 toluene-d8	54	44	51.17	µg/L	FTTC4501	jjc	11/29/2011
OVL046 4-bromofluorobenzene	54	42	46.57	µg/L	FTTC4501	jjc	11/29/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	91079	N/A	FTTC4501	jjc	11/29/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061408	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	Stripper-In	Collected:	11/29/2011	Time:	8:45	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	SI	Completed:	12/8/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	527556	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	59	43	57.11	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	2223728	555932	945340	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	2086724	521681	900748	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	55	43	51.49	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	57.5	43	51.78	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	462343	N/A	FTTC4501	jjc	12/1/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			639.8	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			451.4	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			99	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			874.5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			132.2	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			416.7	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			154.8	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			282.9	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 50	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL039 ethylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 50	µg/L	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061411	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	P-12	Collected:	11/29/2011	Time:	9:45	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	P-12	Completed:	12/8/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	544895	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	59	43	57.3	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	2223728	555932	985238	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	2086724	521681	936582	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	55	43	51.83	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	57.5	43	50.71	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	485142	N/A	FTTC4501	jjc	12/1/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			2298	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			837	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			4048	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			997	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			9025	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			21392	µg/L	FTTC4501	jjc	12/5/2011
OVL019 1,1-dichloropropene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			1391	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			1692	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 500	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			1309	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			774	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL039 ethylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 500	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 500	µg/L	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061412	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-2	Collected:	11/29/2011	Time:	10:05
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	D-2	Completed:	12/6/2011	Reported:	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			1596	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			901.5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			4436.5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			420.5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			4328.5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			7981	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			565	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			969	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			488.5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 250	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 250	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 250	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	93747	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	53.16	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	141832	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	149629	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	51.55	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.1	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	81070	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111206141A	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	RS-1	Collected:	11/29/2011	Time:	10:20
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	RS-1	Completed:	12/12/2011	Reported:	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	561078	N/A	FTTC4501	jjc	12/7/2011
OVL016 dibromofluromethane	59	43	53.04	µg/L	FTTC4501	jjc	12/7/2011
OVL022 1,4-diflurobenzene	2223728	555932	996931	N/A	FTTC4501	jjc	12/7/2011
OVL028 chlorobenzene-d5	2086724	521681	912993	N/A	FTTC4501	jjc	12/7/2011
OVL029 toluene-d8	55	43	47.39	µg/L	FTTC4501	jjc	12/7/2011
OVL046 4-bromofluorobenzene	57.5	43	46.39	µg/L	FTTC4501	jjc	12/7/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	463815	N/A	FTTC4501	jjc	12/7/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL003 chloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL004 vinyl chloride			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL005 bromomethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL006 chloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL007 trichlorofluoromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL008 1,1-dichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL009 methylene chloride			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL010 trans-1,2-dichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL011 1,1-dichloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL012 cis-1,2-dichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL013 2,2-dichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL014 bromochloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL015 chloroform			22740	µg/L	FTTC4501	jjc	12/7/2011
OVL017 1,1,1-trichloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL018 1,2-dichloroethane			187460	µg/L	FTTC4501	jjc	12/7/2011
OVL019 1,1-dichloropropene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL020 benzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL021 carbon tetrachloride			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL023 1,2-dichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL024 trichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL025 dibromomethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL026 bromodichloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL027 trans-1,3-dichloropropene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL030 cis-1,3-dichloropropene			< 10000	µg/L	FTTC4501	jjc	12/7/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL032 1,1,2-trichloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL033 1,3-dichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL034 dibromochloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL035 1,2-dibromoethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL036 tetrachloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL037 chlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL038 1,1,1,2-tetrachloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL039 ethylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL040 m+p-xylene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL041 styrene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL042 bromoform			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL043 o-xylene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL044 1,1,2,2-tetrachloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL045 1,2,3-trichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL048 isopropylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL049 bromobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL050 2-chlorotoluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL051 n-propylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL052 4-chlorotoluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL053 1,3,5-trimethylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL054 1,2,4-trimethylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL055 tert-butylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL056 1,3-dichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL057 sec-butylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL058 1,4-dichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL059 4-isopropyltoluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL060 1,2-dichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL061 n-butylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL062 1,2-dibromo-3-chloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL063 1,2,4-trichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL064 napthalene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL065 1,2,3-trichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL066 hexachlorobutadiene			< 10000	µg/L	FTTC4501	jjc	12/7/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061413	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	RD-1	Collected:	11/29/2011	Time:	10:30	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	RD-1	Completed:	12/12/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	507261	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	59	43	58.89	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	2223728	555932	923966	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	2086724	521681	875832	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	55	43	51.47	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	57.5	43	51.38	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	446112	N/A	FTTC4501	jjc	12/1/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			613.2	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			56.5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			348.4	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			1792.2	µg/L	FTTC4501	jjc	12/9/2011
OVL012 cis-1,2-dichloroethene			195.4	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			1259.5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			755.3	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			209.3	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			377.4	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 50	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			87.3	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			174.8	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL039 ethylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 50	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 50	µg/L	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061414	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-14	Collected:	11/29/2011	Time:	11:40
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	D-14	Completed:	12/6/2011	Reported:	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			10.91	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	88972	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	54.03	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	135928	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	141316	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	52.51	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.77	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	78306	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

11120614 1B	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-13	Collected:	11/29/2011	Time:	12:10
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	D-13	Completed:	12/6/2011	Reported:	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			88.63	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			7.86	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			24.22	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			332.35	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			18.08	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			11.05	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			9.68	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			8	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	90606	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	54.67	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	136577	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	142423	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	52.35	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.46	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	79107	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061415	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	D-12	Collected:	11/29/2011	Time:	12:35	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	D-12	Completed:	12/7/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			187.6	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			3346.8	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL031 toluene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 100	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 100	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 100	µg/L	FTTC4501	jjc	12/1/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	89190	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	56	46	54.25	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	397270	99318	134046	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	397110	99278	140321	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	54	44	51.5	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	54	42	47.51	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	77200	N/A	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111206141C	**Project:**	Ground Water	**Sampler:**	FO	**Batch:**	
	Location:	P-9	**Collected:**	11/29/2011	**Time:**	13:25
	Sample Type:	Grab	**Received:**	11/29/2011	**Time:**	18:05
	Customer:	VCM	**Started:**		**Due:**	
	Cust. Sample:	P-9	**Completed:**	12/8/2011	**Reported:**	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	545624	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	59	43	56.71	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	2223728	555932	980420	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	2086724	521681	930336	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	55	43	52.21	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	57.5	43	52.89	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	485681	N/A	FTTC4501	jjc	12/1/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			21.26	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			41.1	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			18.14	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			17.24	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061416	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	Field Blank	Collected:	11/29/2011	Time:	13:45
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	FB-03	Completed:	12/6/2011	Reported:	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	97925	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	52.47	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	147304	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	152914	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	50.49	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.94	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	83926	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061417	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	D-3	Collected:	11/29/2011	Time:	14:30	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	D-3	Completed:	12/6/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	93964	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	52.08	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	140139	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	145260	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	52.38	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	49.14	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	80551	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111206141D	**Project:**	Ground Water	**Sampler:**	FO	**Batch:**	
	Location:	P-3	**Collected:**	11/29/2011	**Time:**	15:00
	Sample Type:	Grab	**Received:**	11/29/2011	**Time:**	18:05
	Customer:	VCM	**Started:**		**Due:**	
	Cust. Sample:	P-3	**Completed:**	12/12/2011	**Reported:**	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL003 chloromethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL004 vinyl chloride			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL005 bromomethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL006 chloroethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL007 trichlorofluoromethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL008 1,1-dichloroethene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL009 methylene chloride			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL010 trans-1,2-dichloroethene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL011 1,1-dichloroethane			1076	µg/L	FTTC4501	jjc	12/5/2011
OVL012 cis-1,2-dichloroethene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL013 2,2-dichloropropane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL014 bromochloromethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL015 chloroform			1740	µg/L	FTTC4501	jjc	12/5/2011
OVL017 1,1,1-trichloroethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL018 1,2-dichloroethane			27792	µg/L	FTTC4501	jjc	12/5/2011
OVL019 1,1-dichloropropene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL020 benzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL021 carbon tetrachloride			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL023 1,2-dichloropropane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL024 trichloroethene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL025 dibromomethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL026 bromodichloromethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL027 trans-1,3-dichloropropene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL030 cis-1,3-dichloropropene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL031 toluene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL032 1,1,2-trichloroethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL033 1,3-dichloropropane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL034 dibromochloromethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL035 1,2-dibromoethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL036 tetrachloroethene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL037 chlorobenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL038 1,1,1,2-tetrachloroethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL040 m+p-xylene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL041 styrene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL042 bromoform			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL043 o-xylene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL044 1,1,2,2-tetrachloroethane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL045 1,2,3-trichloropropane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL048 isopropylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL049 bromobenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL050 2-chlorotoluene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL051 n-propylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL052 4-chlorotoluene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL053 1,3,5-trimethylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL054 1,2,4-trimethylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL055 tert-butylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL056 1,3-dichlorobenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL057 sec-butylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL058 1,4-dichlorobenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL059 4-isopropyltoluene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL060 1,2-dichlorobenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL061 n-butylbenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL062 1,2-dibromo-3-chloropropane			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL063 1,2,4-trichlorobenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL064 napthalene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL065 1,2,3-trichlorobenzene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
OVL066 hexachlorobutadiene			< 1000	µg/L	FTTC4501	jjc	12/5/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	91524	N/A	FTTC4501	jjc	12/5/2011
OVL016 dibromofluromethane	56	46	50.92	µg/L	FTTC4501	jjc	12/5/2011
OVL022 1,4-diflurobenzene	397270	99318	133796	N/A	FTTC4501	jjc	12/5/2011
OVL028 chlorobenzene-d5	397110	99278	131673	N/A	FTTC4501	jjc	12/5/2011
OVL029 toluene-d8	54	44	50.37	µg/L	FTTC4501	jjc	12/5/2011
OVL046 4-bromofluorobenzene	54	42	46.83	µg/L	FTTC4501	jjc	12/5/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	70811	N/A	FTTC4501	jjc	12/5/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061418	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	P-24	Collected:	11/29/2011	Time:	15:40	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust Sample:	P-24	Completed:	12/7/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/2/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	87603	N/A	FTTC4501	jjc	12/2/2011
OVL016 dibromofluromethane	56	46	55.49	µg/L	FTTC4501	jjc	12/2/2011
OVL022 1,4-diflurobenzene	397270	99318	132505	N/A	FTTC4501	jjc	12/2/2011
OVL028 chlorobenzene-d5	397110	99278	143054	N/A	FTTC4501	jjc	12/2/2011
OVL029 toluene-d8	54	44	52.02	µg/L	FTTC4501	jjc	12/2/2011
OVL046 4-bromofluorobenzene	54	42	48.89	µg/L	FTTC4501	jjc	12/2/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	78990	N/A	FTTC4501	jjc	12/2/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061419	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	RS-4	Collected:	11/29/2011	Time:	16:00	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	rs-4	Completed:	12/7/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL018 1,2-dichloroethane			11.95	µg/L	FTTC4501	jjc	12/2/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL024 trichloroethene			5.4	µg/L	FTTC4501	jjc	12/2/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL032 1,1,2-trichloroethane			14.67	µg/L	FTTC4501	jjc	12/2/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/2/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	83998	N/A	FTTC4501	jjc	12/2/2011
OVL016 dibromofluromethane	56	46	55.69	µg/L	FTTC4501	jjc	12/2/2011
OVL022 1,4-diflurobenzene	397270	99318	130834	N/A	FTTC4501	jjc	12/2/2011
OVL028 chlorobenzene-d5	397110	99278	140869	N/A	FTTC4501	jjc	12/2/2011
OVL029 toluene-d8	54	44	51.58	µg/L	FTTC4501	jjc	12/2/2011
OVL046 4-bromofluorobenzene	54	42	49.64	µg/L	FTTC4501	jjc	12/2/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	79984	N/A	FTTC4501	jjc	12/2/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061420	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	RS-5	Collected:	11/29/2011	Time:	16:10	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	RS-5	Completed:	12/7/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL018 1,2-dichloroethane			10.75	µg/L	FTTC4501	jjc	12/2/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL024 trichloroethene			5.75	µg/L	FTTC4501	jjc	12/2/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL032 1,1,2-trichloroethane			13.86	µg/L	FTTC4501	jjc	12/2/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/2/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	84013	N/A	FTTC4501	jjc	12/2/2011
OVL016 dibromofluromethane	56	46	55.07	µg/L	FTTC4501	jjc	12/2/2011
OVL022 1,4-diflurobenzene	397270	99318	126816	N/A	FTTC4501	jjc	12/2/2011
OVL028 chlorobenzene-d5	397110	99278	138383	N/A	FTTC4501	jjc	12/2/2011
OVL029 toluene-d8	54	44	52.35	µg/L	FTTC4501	jjc	12/2/2011
OVL046 4-bromofluorobenzene	54	42	48.78	µg/L	FTTC4501	jjc	12/2/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	78256	N/A	FTTC4501	jjc	12/2/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061421	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	VCM Groundwater Dup-3	Collected:	11/29/2011	Time:	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	DUP-3	Completed:	12/12/2011	Reported:	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL004 vinyl chloride			18.05	µg/L	FTTC4501	jjc	12/5/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL011 1,1-dichloroethane			35.71	µg/L	FTTC4501	jjc	12/5/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL018 1,2-dichloroethane			18.81	µg/L	FTTC4501	jjc	12/5/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL024 trichloroethene			14.96	µg/L	FTTC4501	jjc	12/5/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/5/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/5/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/5/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	91004	N/A	FTTC4501	jjc	12/5/2011
OVL016 dibromofluromethane	56	46	51.46	µg/L	FTTC4501	jjc	12/5/2011
OVL022 1,4-diflurobenzene	397270	99318	133422	N/A	FTTC4501	jjc	12/5/2011
OVL028 chlorobenzene-d5	397110	99278	134448	N/A	FTTC4501	jjc	12/5/2011
OVL029 toluene-d8	54	44	50.45	µg/L	FTTC4501	jjc	12/5/2011
OVL046 4-bromofluorobenzene	54	42	47.09	µg/L	FTTC4501	jjc	12/5/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	73380	N/A	FTTC4501	jjc	12/5/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

111206142A	Project:	Ground Water	Sample:	FO	Batch:	
	Location:	Trip Blank	Collected:	11/29/2011	Time:	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	TB-3	Completed:	12/6/2011	Reported:	

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	95901	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	50.96	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	141863	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	149522	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	51.65	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.5	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	81606	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061422	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	P-56	Collected:	11/29/2011	Time:	8:04	
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	P-56 11/29/11	Completed:	12/8/2011	Reported:		

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			110400	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			1722200	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL031 toluene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 50000	µg/L	FTTC4501	jjc	12/1/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	77760	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	56	46	54.79	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	397270	99318	117356	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	397110	99278	126405	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	54	44	52.88	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	54	42	47.42	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	71547	N/A	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061424	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	P-15	Collected:	11/29/2011	Time:	8:45
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust Sample:	P-15 11/29/11	Completed:	12/8/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			6.26	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	81782	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	56	46	54.02	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	397270	99318	122374	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	397110	99278	129739	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	54	44	52.72	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	54	42	48.16	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	72149	N/A	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:17 pm

1112061425	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	P-4	Collected:	11/29/2011	Time:	9:22	
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	P-4 11/29/11	Completed:	12/8/2011	Reported:		

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	505687	N/A	FTTC4501	jjc	12/2/2011
OVL016 dibromofluromethane	59	43	54.7	µg/L	FTTC4501	jjc	12/2/2011
OVL022 1,4-diflurobenzene	2223728	555932	872634	N/A	FTTC4501	jjc	12/2/2011
OVL028 chlorobenzene-d5	2086724	521681	846302	N/A	FTTC4501	jjc	12/2/2011
OVL029 toluene-d8	55	43	52.34	µg/L	FTTC4501	jjc	12/2/2011
OVL046 4-bromofluorobenzene	57.5	43	52.28	µg/L	FTTC4501	jjc	12/2/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	445731	N/A	FTTC4501	jjc	12/2/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/2/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

111206142B	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-4	Collected:	11/29/2011	Time:	10:09
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	D-4 11/29/11	Completed:	12/6/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	91411	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	53.21	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	139499	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	143286	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	50.69	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.45	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	79362	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

111206142D	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	P-14	Collected:	11/29/2011	Time:	10:47
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	P-14 11/29/11	Completed:	12/8/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	636879	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	59	43	53.37	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	2223728	555932	1100993	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	2086724	521681	1036688	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	55	43	51.74	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	57.5	43	52.49	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	541131	N/A	FTTC4501	jjc	12/1/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 Isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

111206142F	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	P-55	Collected:	11/29/2011	Time:	11:35	
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30	
	Customer:	VCM	Started:		Due:		
	Cust Sample:	P-55 11/29/11	Completed:	12/8/2011	Reported:		

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	78951	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	56	46	55.27	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	397270	99318	120733	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	397110	99278	128479	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	54	44	51.52	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	54	42	46.8	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	71218	N/A	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

1112061429	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	Field Blank	Collected:	11/29/2011	Time:	11:55
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	FB-02 11/29/11	Completed:	12/6/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	99113	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	52.77	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	146826	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	153760	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	52.16	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	48.88	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	84337	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

1112061431	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	Field Duplicate	Collected:	11/29/2011	Time:		
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	DUP-02 11/29/11	Completed:	12/7/2011	Reported:		

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL034 dibromochloromethane			<5	µg/L	FTTC4501	jjc	12/2/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/2/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/2/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	81680	N/A	FTTC4501	jjc	12/2/2011
OVL016 dibromofluromethane	56	46	56.16 H	µg/L	FTTC4501	jjc	12/2/2011
OVL022 1,4-diflurobenzene	397270	99318	126131	N/A	FTTC4501	jjc	12/2/2011
OVL028 chlorobenzene-d5	397110	99278	134347	N/A	FTTC4501	jjc	12/2/2011
OVL029 toluene-d8	54	44	52.09	µg/L	FTTC4501	jjc	12/2/2011
OVL046 4-bromofluorobenzene	54	42	48.9	µg/L	FTTC4501	jjc	12/2/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	76132	N/A	FTTC4501	jjc	12/2/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

1112061432	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	P-51	Collected:	11/29/2011	Time:	12:33	
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	P-51 11/29/11	Completed:	12/8/2011	Reported:		

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	81538	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	56	46	53.12	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	397270	99318	119430	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	397110	99278	128285	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	54	44	52.99	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	54	42	48.37	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	61981	N/A	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

111206143C	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	P-50	Collected:	11/29/2011	Time:	13:08
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	P-50 11/29/11	Completed:	12/8/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	78956	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	56	46	55.57	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	397270	99318	123356	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	397110	99278	128191	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	54	44	50.83	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	54	42	47.18	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	71001	N/A	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

111206143D	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-21	Collected:	11/29/2011	Time:	13:45
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	D-21 11/29/11	Completed:	12/6/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	90099	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	52.3	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	134497	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	140853	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	52.62	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	48.69	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	78702	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

1112061434	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	P-10	Collected:	11/29/2011	Time:	14:34
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	P-10 11/29/11	Completed:	12/8/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	82560	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	56	46	54.16	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	397270	99318	121831	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	397110	99278	130568	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	54	44	53.53	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	54	42	48.58	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	73115	N/A	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

1112061435	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	D-41	Collected:	11/29/2011	Time:	15:18
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	D-41 11/29/11	Completed:	12/12/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	555954	N/A	FTTC4501	jjc	12/7/2011
OVL016 dibromofluromethane	59	43	53.64	µg/L	FTTC4501	jjc	12/7/2011
OVL022 1,4-diflurobenzene	2223728	555932	999924	N/A	FTTC4501	jjc	12/7/2011
OVL028 chlorobenzene-d5	2086724	521681	910053	N/A	FTTC4501	jjc	12/7/2011
OVL029 toluene-d8	55	43	47.62	µg/L	FTTC4501	jjc	12/7/2011
OVL046 4-bromofluorobenzene	57.5	43	47.1	µg/L	FTTC4501	jjc	12/7/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	463308	N/A	FTTC4501	jjc	12/7/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL003 chloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL004 vinyl chloride			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL005 bromomethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL006 chloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL007 trichlorofluoromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL008 1,1-dichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL009 methylene chloride			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL010 trans-1,2-dichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL011 1,1-dichloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL012 cis-1,2-dichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL013 2,2-dichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL014 bromochloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL015 chloroform			15420	µg/L	FTTC4501	jjc	12/7/2011
OVL017 1,1,1-trichloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL018 1,2-dichloroethane			261120	µg/L	FTTC4501	jjc	12/7/2011
OVL019 1,1-dichloropropene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL020 benzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL021 carbon tetrachloride			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL023 1,2-dichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL024 trichloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL025 dibromomethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL026 bromodichloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL027 trans-1,3-dichloropropene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL030 cis-1,3-dichloropropene			< 10000	µg/L	FTTC4501	jjc	12/7/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL032 1,1,2-trichloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL033 1,3-dichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL034 dibromochloromethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL035 1,2-dibromoethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL036 tetrachloroethene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL037 chlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL038 1,1,1,2-tetrachloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL039 ethylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL040 m+p-xylene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL041 styrene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL042 bromoform			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL043 o-xylene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL044 1,1,2,2-tetrachloroethane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL045 1,2,3-trichloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL048 isopropylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL049 bromobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL050 2-chlorotoluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL051 n-propylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL052 4-chlorotoluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL053 1,3,5-trimethylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL054 1,2,4-trimethylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL055 tert-butylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL056 1,3-dichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL057 sec-butylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL058 1,4-dichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL059 4-isopropyltoluene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL060 1,2-dichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL061 n-butylbenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL062 1,2-dibromo-3-chloropropane			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL063 1,2,4-trichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL064 napthalene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL065 1,2,3-trichlorobenzene			< 10000	µg/L	FTTC4501	jjc	12/7/2011
OVL066 hexachlorobutadiene			< 10000	µg/L	FTTC4501	jjc	12/7/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

1112061436	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	D-39	Collected:	11/29/2011	Time:	15:53	
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	D-39 11/29/11	Completed:	12/6/2011	Reported:		

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			36.87	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			13.61	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			66.66	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			10.92	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			7.52	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			263.9	µg/L	FTTC4501	jjc	12/2/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			6.92	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			43.38	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	91673	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	52.87	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	135889	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	142005	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	51.9	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.81	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	78975	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

1112061439	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	P-48	Collected:	11/29/2011	Time:	16:25
	Sample Type:	Grab	Received:	11/29/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	P-48 11/29/11	Completed:	12/8/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	576994	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	59	43	55.6	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	2223728	555932	1027097	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	2086724	521681	975311	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	55	43	52.19	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	57.5	43	51.61	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	503656	N/A	FTTC4501	jjc	12/1/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

1112061441	Project:	Ground Water	Sampler:	FO	Batch:	
	Location:	Trip Blank	Collected:	11/28/2011	Time:	
	Sample Type:	Grab	Received:	11/28/2011	Time:	17:30
	Customer:	VCM	Started:		Due:	
	Cust. Sample:	TRIP-BLANK-2 11/28/1	Completed:	12/6/2011	Reported:	

Description: 4QRT.GW2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL018 1,2-dichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	11/30/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	11/30/2011
Volatiles Surrogates/Internal Std.							
OVL001 pentafluorobenzene	267290	66823	95740	N/A	FTTC4501	jjc	11/30/2011
OVL016 dibromofluromethane	56	46	52.66	µg/L	FTTC4501	jjc	11/30/2011
OVL022 1,4-diflurobenzene	397270	99318	145291	N/A	FTTC4501	jjc	11/30/2011
OVL028 chlorobenzene-d5	397110	99278	152264	N/A	FTTC4501	jjc	11/30/2011
OVL029 toluene-d8	54	44	51.76	µg/L	FTTC4501	jjc	11/30/2011
OVL046 4-bromofluorobenzene	54	42	47.42	µg/L	FTTC4501	jjc	11/30/2011
OVL047 1,4-dichlorobenzene-d4	229258	57315	83609	N/A	FTTC4501	jjc	11/30/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

1112080759	Project:	Ground Water	Sampler:	FO	Batch:		
	Location:	Stripper-Out	Collected:	11/29/2011	Time:	8:55	
	Sample Type:	Grab	Received:	11/29/2011	Time:	18:05	
	Customer:	VCM	Started:		Due:		
	Cust. Sample:	S:O	Completed:	12/6/2011	Reported:		

Description: 4TH QTR GW 2011
Notes:
Conclusions:

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
5975 Volatiles Surrogates/Internal Std							
OVL001 pentafluorobenzene	1274598	318650	557795	N/A	FTTC4501	jjc	12/1/2011
OVL016 dibromofluromethane	59	43	56.28	µg/L	FTTC4501	jjc	12/1/2011
OVL022 1,4-diflurobenzene	2223728	555932	1014982	N/A	FTTC4501	jjc	12/1/2011
OVL028 chlorobenzene-d5	2086724	521681	951049	N/A	FTTC4501	jjc	12/1/2011
OVL029 toluene-d8	55	43	51.92	µg/L	FTTC4501	jjc	12/1/2011
OVL046 4-bromofluorobenzene	57.5	43	52.13	µg/L	FTTC4501	jjc	12/1/2011
OVL047 1,4-dichlorobenzene-d4	1093510	273378	492690	N/A	FTTC4501	jjc	12/1/2011
FTTC4501 Groundwater Volatiles							
OVL002 dichlorodifluromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL003 chloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL004 vinyl chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL005 bromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL006 chloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL007 trichlorofluoromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL008 1,1-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL009 methylene chloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL010 trans-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL011 1,1-dichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL012 cis-1,2-dichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL013 2,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL014 bromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL015 chloroform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL017 1,1,1-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL018 1,2-dichloroethane			114.4	µg/L	FTTC4501	jjc	12/1/2011
OVL019 1,1-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL020 benzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL021 carbon tetrachloride			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL023 1,2-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL024 trichloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL025 dibromomethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL026 bromodichloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL027 trans-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL030 cis-1,3-dichloropropene			< 5	µg/L	FTTC4501	jjc	12/1/2011

Sample Summary

4th Quater VCM Groundwater Sample Report 2011

19-Jan-12 2:18 pm

Analysis	In-house Max.	In-house Min.	Result	Unit	Method	Analyst	Analysis Date
OVL031 toluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL032 1,1,2-trichloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL033 1,3-dichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL034 dibromochloromethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL035 1,2-dibromoethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL036 tetrachloroethene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL037 chlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL038 1,1,1,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL039 ethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL040 m+p-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL041 styrene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL042 bromoform			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL043 o-xylene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL044 1,1,2,2-tetrachloroethane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL045 1,2,3-trichloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL048 isopropylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL049 bromobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL050 2-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL051 n-propylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL052 4-chlorotoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL053 1,3,5-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL054 1,2,4-trimethylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL055 tert-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL056 1,3-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL057 sec-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL058 1,4-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL059 4-isopropyltoluene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL060 1,2-dichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL061 n-butylbenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL062 1,2-dibromo-3-chloropropane			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL063 1,2,4-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL064 napthalene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL065 1,2,3-trichlorobenzene			< 5	µg/L	FTTC4501	jjc	12/1/2011
OVL066 hexachlorobutadiene			< 5	µg/L	FTTC4501	jjc	12/1/2011

QA Supervisor: _____ Date: _____

Department Head: _____ Date: _____