

Appendix A

FIELD SAMPLING PLAN AND ADDENDA

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix B

GEOLOGIST'S FIELD MAPPING MEMORANDUM

Appendix C
PADEP FILE REVIEW MEMOS

Appendix D

SURFACE WATER FLOW MEASUREMENT CALCULATIONS

Appendix E

DYE TRACER TESTING INFORMATION

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix E.1

DYE LAB REPORTS – SPBA AND SOUTH OF THE SITE

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix E.2

DYE LAB REPORTS – WPL AND WEST OF THE SITE

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix E.3

PHOTOGRAPHS OF DYE TRACER TESTING

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix E.4

CRAWFORD HYDROLOGY LAB RESEARCH PROCEDURES

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix E.5

HISTOGRAMS OF DYE TRACER DETECTIONS

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Appendix E.6

DYE LAB REPORTS – REMEDIATION SYSTEM RESTART

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix F

SOURCE AREA INVESTIGATION DATA

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix G

VERTICAL EXTENT WELL INSTALLATION NARRATIVE

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Appendix I

PHOTOGRAPHS OF STRATIGRAPHIC CORES

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix J

GEOPHYSICAL LOGGING REPORTS, AGS

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix J.1

BOREHOLE GEOPHYSICS REPORT 1

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix J.2

BOREHOLE GEOPHYSICS REPORT 2

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix J.3

BOREHOLE GEOPHYSICS REPORT 3

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix J.4

RESISTIVITY REPORT

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix K
WATERLOO MULTILEVEL SAMPLING SYSTEM

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TYPICAL WATERLOO™ SYSTEM DIAGRAM

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**WATERLOO™ INSTALLATION LOG FORM AND VIBRATING
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**WATERLOO™ AND VERTICAL EXTENT
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NPBA WELL CHEMISTRY GRAPHS

Appendix L.3
SITE-WIDE WELL CHEMISTRY GRAPHS

Appendix L.4a

SHUTDOWN AND RESTART TEST CHEMISTRY GRAPHS

Appendix L.4b

**SHUTDOWN AND RESTART TEST TCE GRAPHS –
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Appendix L.6

**CONCENTRATIONS VS. CALCULATED
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RELATIONSHIP OF MASS LOADING TO CREEK DISCHARGE

Appendix M

NPBA AND BLDG3 FOOTER DRAIN SHUTDOWN REPORTS

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix M.1

RESULTS OF NPBA EXTRACTION SYSTEM AND BLDG3 FOOTER DRAIN MONITORED SHUTDOWN TESTS, GSC, 2014.

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix M.2

2014 ANNUAL MONITORING REPORT PROGRESS REPORT FOR THE NPBA EXTRACTION SYSTEM SHUTDOWN, GSC, 2015.

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix M.3

FIRST YEAR PROGRESS REPORT OF THE BUILDING 3 FOOTER DRAIN SYSTEM SHUTDOWN MONITORING, GSC, 2015.

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix N

REPORT TITLED, SOUTHERN PROPERTY BOUNDARY AREA VAPOR INTRUSION INVESTIGATION, GSC, JULY 2015.

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix O

**GROUNDWATER QUALITY PROFILE AND
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**KCF MEMO ON (COLLOIDAL BORESCOPE) VELOCITY AND
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Appendix P
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Appendix Q

WEATHER STATION AND CONTINUOUS RECORDER DATA AND GRAPHS

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix Q.1

WEATHER STATION DATA

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix Q.2

CONTINUOUS TRANSDUCER RECORDER DATA

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix Q.3

MULTIPARAMETER RECORDER DATA

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix Q.4

GRAPHS OF CONTINUOUS RECORDER DATA

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Appendix Q.5

VERTICAL EXTENT SHUTDOWN TEST GRAPHS

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Appendix Q.6

GRAPHS OF MULTIPARAMETER RECORDER DATA

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Appendix Q.7

GRAPHS OF WATER LEVEL DATA FOR 6/1/2015

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Appendix R

A REPORT OF THE STORMWATER RUNOFF MONITORING, MODELING AND KARST LOSS INFILTRATION

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix S

3-D SUBSURFACE MODEL

In portable document format (PDF) on the compact disc (CD) attached to this report.

Appendix T

CALCULATION OF SULPHORHODAMINE B RECOVERY

Appendix U

LABORATORY REPORTS AND ASSOCIATED VALIDATION REPORTS

In portable document format (PDF) on a separate
compact disc (CD) attached to this report.

Appendix V

**LETTER AND CORRECTIVE ACTION REPORT FROM
TESTAMERICA-PITTSBURGH**

Appendix W

**CORRESPONDENCE RELATING TO REGULATORY REVIEW
AND REVISION OF THE AUGUST 2016 VERSION OF THIS
DOCUMENT**