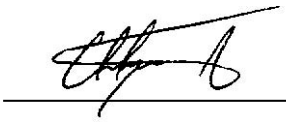
ELECTRONIC COPY CERTIFICATION

I certify that the electronic copy is complete and identical to the paper copy submitted. This electronic copy is also virus free.



Christopher Jones
Project Manager

TETRA TECH

SUPPORTING THE GEORGIA WORLD CONGRESS CENTER

1955 EVERGREEN BLVD ♦ SUITE 300 ♦ DULUTH, GA 30096 ♦ TEL: (678) 775-3080 ♦ FAX: (678) 775-3138

August 7, 2015

Ms. Antonia Beavers
GEORGIA DEPARTMENT OF NATURAL RESOURCES
Department of Environmental Protection
Hazardous Waste Division
2 Martin Luther King, Jr. Drive, S.E., Suite 1054
Atlanta, Georgia 30334-9000

Subject: Quarters-44/45 Landfill Maintenance and Inspection Report
Northside Drive Landfill Site, Atlanta, Georgia

Dear Ms. Beavers:

Tetra Tech Inc. (Tetra Tech) is pleased to submit the Quarters-44/45 Landfill Maintenance and Inspection Report for the Northside Drive Landfill Site (Site). Tetra Tech prepared this report in accordance with the requirements and obligations specified in Section 4.0 of the Monitoring and Maintenance Plan (Georgia Department of Natural Resources, December 2003, revised July 2005).

This report represents the tenth semi-annual inspection report submission under the revised Monitoring and Maintenance Plan reporting requirements established for the Northside Drive Landfill Site under the Georgia Voluntary Remediation Program, as described in your June 30, 2010 letter to Ms. Joan Sasine of Bryan, Cave, Powell, and Goldstein.

Mr. Tim Bricker, PE conducted quarterly site inspections on March 20 and on June 19, 2015. The March 2015 and June 2015 inspections revealed that the vegetative cover, asphalt cover, concrete cap, drainage system, and granite markers located on the corners of the property boundary appeared to be intact and free of debris. All wells continue to appear to be undamaged and functional.

Two of the minor vegetative cover areas, just outside the capped area and beyond the slurry wall perimeter, identified during the June 2012 inspection, were repaired in late 2012. However, during the June 2014 inspection, the repaired area was first observed to have a depression approximately 15 feet long and greater than three inches deep. This area remains in the same condition as first observed in June 2014, as shown in photograph 41 of both the March 2015 and June 2015 photographic log. Although, none of the areas of concern were considered as major damage, the areas include one eroded area beside the sidewalk along the northeastern side of the landfill and one long stretch of eroded soil along the northwestern boundary of the landfill parallel to John Street. Tetra Tech will continue to focus on these areas during quarterly inspections and will observe and report worsening conditions if they arise.

During the March and June 2015 inspections, minor cracking in the asphalt surface was observed at various locations throughout the parking lot, but this does not represent major damage requiring immediate repair. Many of these cracks are located at the connection where strips were initially laid down during the paving process. No cracks appeared to be wider than ¼-inch and none appeared to have penetrated the asphalt surface into the underlying fill; however, the cracking indicates that weathering is beginning to impact the asphalt. Asphalt parking lots typically require resealing and restriping every five years. During repairs to the landfill liner and cap in 2013, the asphalt cap was observed to consist of 8-inches of asphalt that included a 6-inch bottom binder layer and a 2-inch finish coat. Cracks appear to be

located only in the surface of the finished coat. Tetra Tech and GWCC will monitor the condition of the cracked areas in the asphalt to determine when the cracks in the lot should be filled in, when the repaired surface areas should be resealed, and when the affected striping should be restriped before weathering processes penetrate the underlying fill.

Tetra Tech also inspected six locations in the parking lot where asphalt was repaired following direct push soil sampling conducted in August 2013. The landfill liner, soil cover, and asphalt at these locations was repaired to meet the landfill construction specifications, as described in the Landfill Cap and Liner Repair Letter Report submitted to Georgia Department of Natural Resources on September 30, 2013. During our inspections, the asphalt patches at the six locations continued to remain in good condition, with no signs of settling or significant cracking. Photographs 35 through 40 in the respective photographic logs for the March and June 2015 inspections show the six asphalt patches in the parking lot surface.

During both the March and June 2015 inspections, Tetra Tech observed a number of sea-land shipping containers placed at the western end of the parking lot, adjacent to Northside Drive. The containers, shown in photograph 26 of both the March 2015 and June 2015 photographic log, are located at the edge of the parking area, outside the limits of the slurry wall and no damage to the parking lot or landscaping structures was observed during our inspections. As shown in photograph 26A in each photographic log, the containers have been placed so that the storm drain present at that location is not blocked.

During the December 2014 inspection, damage to the fencing along Northside Drive was observed. It appears a vehicle veered off the road and hit the fence on the southwestern corner of the Northside Drive Landfill Site. As shown in photograph 42 of the March 2015 photographic log, the fence has been repaired since the December 2014 inspection.

If you have any questions or comments regarding this submittal, please contact me at (678) 775-3081 or Wayne Rosser (Georgia World Congress Center) at (404) 223-4820.

Sincerely,

Christopher Jones
Project Manager

cc: Tim Bricker, Tetra Tech
Wayne Rosser, GWCC
Jason Metzger, GA EPD (letter only)
Joan Sasine, Bryan Cave International Consulting LLC (electronic copy only)

QUARTERS-44/45

LANDFILL MAINTENANCE AND INSPECTION REPORT

NORTHSIDE DRIVE LANDFILL SITE

GEORGIA WORLD CONGRESS CENTER

ATLANTA, GEORGIA

PREPARED FOR:

GEORGIA DEPARTMENT OF NATURAL RESOURCES

DEPARTMENT OF ENVIRONMENTAL PROTECTION, HAZARDOUS WASTE DIVISION

2 MARTIN LUTHER KING, JR. DRIVE, S.E., SUITE 1054

ATLANTA, GEORGIA 30334-9000

PREPARED BY:

TETRA TECH

1955 EVERGREEN BLVD

BUILDING 200, SUITE 300

DULUTH, GEORGIA 30096

AUGUST 2015

LANDFILL MAINTENANCE AND INSPECTION CERTIFICATION FORM

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate that information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true and accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Christopher Jones
Project Manager

I certify that I am a qualified engineer who has received a baccalaureate or post-graduate degree in engineering, and have sufficient training and experience in designing and/or evaluating landfills, as demonstrated by State registration and completion of accredited university courses, that enable me to make sound professional judgment regarding the effectiveness of engineering controls at this Site. I also certify that this report meets the requirements set forth in the Monitoring and Maintenance Plan for the Site. I further certify that this report was prepared by myself or by a subordinate working under my direction.

Tim R. Bricker, P.E.
Georgia P.E. No. 22621

LANDFILL MAINTENANCE AND INSPECTION

This section of the Report describes the methods, procedures, and processes that must be used to inspect and maintain the engineering controls of the landfill. These components include final cover and grading; drainage system; and groundwater monitoring network. According to Section 4.0 of the Maintenance and Monitoring Plan (M&M Plan), use of the property must not disturb the integrity of the soil cap and liner system of the landfill or any other components of the containment system, or the function of the monitoring systems. Maintenance and inspection of the landfill must be performed by person(s) experienced in the maintenance and inspection of the engineering controls at the landfill through both professional training and educational experience sufficient to evaluate the condition of the landfill as it relates to the requirements set forth below. Minimum experience requires the inspector be a Georgia certified Professional Engineer with experience in the design and/or evaluation of landfills.

Maintenance and inspection activity documentation includes the M&M Inspection Log form and Maintenance Record form. Inspection logs include the date of the inspection, name of the inspector(s), component inspected, weather conditions, condition of the item inspected, notation of any damages requiring attention and indication if the noted damage would be classified as major damage. A copy of the completed M&M Inspection Log form is attached for each quarterly inspection conducted. Maintenance records include the dates repairs were initiated and completed, and the name of the person recording the information. Comments describing the severity of the damage (i.e. major) must also be noted on the maintenance record along with a description of the repairs. The completed Maintenance Record forms for the quarterly inspections conducted in March 2015 and June 2015 are located in Enclosures 1 and 2, respectively. Figures showing the orientation of the photographs collected for the same quarterly inspections are located in Enclosures 3 and 4. Photographic logs describing various features of the landfill are located in Enclosures 5 and 6.

1.0 FINAL COVER AND GRADING

It is necessary to maintain the integrity and effectiveness of the final cover (i.e. soil cap and vegetative cover, asphalt parking lot, and concrete cap), including making repairs as necessary to correct the effects of settling, subsidence, erosion, or other events, and preventing run-on and run-off from causing erosion or other damage to the final cover. The final cover must be inspected every calendar quarter. The inspection must evaluate the final cover to ensure adequate quantity and quality of the final cover to prevent erosion and ponding. The results of the inspection must be recorded on the M&M Inspection Log form.

1.1 Soil Cap and Vegetative Cover

In those areas where vegetation is present, a satisfactory stand of grass plants will be considered a minimum of 10 grass plants per square foot and total bare spots less than two percent (2%) of the total area. The cover will be mowed a minimum of each calendar quarter during the growing season and once at the end of the growing season. More frequent mowing may be required to maintain a satisfactory stand of grass plants and/or grass height exceeds eight inches (8"). During mowing, clippings must be removed if thatching results and inhibits growth of desired grass plants. Maintenance of the cover shall include eradication of weeds, removal of trees or other woody plants, removal of trash, and fertilization if necessary.

All erosion rills must be noted during the quarterly inspection. Erosion rills must be filled with topsoil, seeded with Georgia Department of Transportation (DOT)-approved similar grasses, mulched to prevent loss of seed, irrigated sufficiently to establish and maintain growth if needed, and if necessary, surface erosion control blankets must be installed. All areas of ponding must be noted during the quarterly inspection. Ponding areas must be regraded, seeded, mulched, and irrigated sufficiently to establish and maintain growth if needed. If deemed necessary, surface erosion control blankets are to be installed to provide for drainage off and away from the cover. All maintenance of the cover must be documented in a logbook and on Maintenance Record forms.

1.1.1 Major Damage – Soil Cap and Vegetative Cover

The following conditions are considered major damage to the Soil Cap and Vegetative Cover:

- Any rill greater than one foot (1') wide and/or depth greater than three inches (3")
- An area of ponding with standing water forty-eight (48) hours after a rain event
- Holes, greater than 6 inches in diameter and/or 3 inches in depth, in the vegetative cover caused by digging or posting during staging events
- Any damage to landfill liner system or slurry wall

If major damage is noted, the Georgia Environmental Protection Division (EPD) must be notified within 24 hours, and repairs must be completed within seven (7) days of discovery. Any major damage not repaired within seven (7) days must be reported in writing to EPD within nine (9) days of discovery. All other items requiring repair must be completed within thirty (30) days of discovery. Repairs must be made in accordance with the Construction Specifications and must be conducted by qualified contractors with personnel who meet the requirements specified in the Construction Specifications.

1.2 Asphalt Parking Lot

Upon completion of the asphalt parking lot, it will be necessary to inspect the integrity of the asphalt layer, including making repairs to the asphalt cover to correct the effects of weather or excessive use by the public, as well as staging during events. The inspection must evaluate the asphalt cover to ensure adequate quantity and quality of the asphalt and to ensure prevention of any breach of the asphalt, including punctures, into the soil cap and cover. Cracks in the asphalt layer need to be addressed to prevent erosion to the components of the final cover. Positive drainage of stormwater must be maintained across the asphalt parking lot to prevent ponding. The results of the inspection must be recorded on the M&M Inspection Log form. All maintenance of the asphalt parking lot must be documented in a logbook and on Maintenance Record forms.

1.2.1 Major Damage – Asphalt Parking Lot

The following conditions are considered major damage to the Asphalt Parking Lot:

- Cracks or potholes through the depth of the asphalt parking lot that cause erosion of the underlying soil cap
- Any damage to landfill liner system or slurry wall
- Settling of asphalt parking lot more than 3 inches in depth in any 12 inch area

If major damage is noted, EPD must be notified within 24 hours, and repairs must be completed within seven (7) days of discovery. Any major damage not repaired within seven (7) days must be reported in writing to EPD within nine (9) days of discovery. All other items requiring repair must be completed within thirty (30) days of discovery. Repairs must be made in accordance with the Construction Specifications and must be conducted by qualified contractors with personnel who meet the requirements specified in the Construction Specifications.

1.3 Concrete Cap

It is necessary to maintain the integrity and effectiveness of the concrete cap adjacent to and running along Northside Drive. This includes making repairs as necessary to correct the effects of settling, cracks, weather, construction or other events along Northside Drive, and preventing infiltration of surface water run-on and run-off leaching contaminated soils to the groundwater. The concrete cap must be inspected every calendar quarter. The inspection must evaluate the quantity and quality of the concrete cap to ensure prevention of surface water infiltration. Positive drainage must be maintained across the concrete cap to prevent ponding. The results of the inspection must be recorded on the M&M Inspection Log form. All maintenance of the concrete cap must be documented in a logbook and on Maintenance Record forms.

1.3.1 Major Damage – Concrete Cap

The following conditions are considered major damage to the Concrete Cap:

- Cracks extending through the depth of the concrete cap
- Any gross damage (i.e., cracks, breakage, removal of concrete structures)
- Any occurrence causing leaching of contaminated soil to the groundwater

If major damage is noted, EPD must be notified within 24 hours, and repairs must be completed within seven (7) days of discovery. Any major damage not repaired within seven (7) days must be reported in writing to EPD within nine (9) days of discovery. All other items requiring repair must be completed within thirty (30) days of discovery. Repairs must be made in accordance with the Construction Specifications and must be conducted by qualified contractors with personnel who meet the requirements specified in the Construction Specifications.

1.4 Granite Markers

The conservation easement mandates that the Northside Drive Landfill Site be fitted with markers identifying the Site as a "restricted area." Granite markers were placed on each corner of the property boundary with additional markers installed across the Northside Drive Landfill Site. The structural integrity of the markers must be maintained. The granite markers are to be inspected every calendar quarter. The results of the inspection must be recorded on the M&M Inspection Log form. All maintenance of the granite markers must be documented in a logbook and on Maintenance Record forms.

1.4.1 Major Damage – Granite Markers

The following conditions are considered major damage to the Granite Markers:

- Crushed, broken, or defaced markers making markers unreadable
- Markers removed from any corner of the property boundary

- Damage to concrete pad, such that the marker can be removed

If major damage is noted, EPD must be notified within 24 hours, and repairs must be completed within seven (7) days of discovery. Any major damage not repaired within seven (7) days must be reported in writing to EPD within nine (9) days of discovery. All other items requiring repair must be completed within thirty (30) days of discovery. Repairs must be made in accordance with the Construction Specifications and must be conducted by qualified contractors with personnel who meet the requirements specified in the Construction Specifications.

2.0 DRAINAGE SYSTEM

The drainage system is designed to prevent run-on and run-off from compromising the integrity of the cover. Debris and vegetation may build up and block passages for drainage from the landfill. Blockage in drainage areas could increase drainage in other areas and cause erosion. All drain structures (drop inlets, check dams, berms, and drainage swales) around the Site must be inspected quarterly for debris or other obstructions that may prevent proper drainage. If any debris is found, it must be removed. Debris cleaned from the structures must be properly disposed off-site. Once a year, one of the quarterly inspections must be performed during a significant rain event to evaluate the drainage system.

Drainage swales must be mowed/weed whacked a minimum of each calendar quarter. Clippings must be removed if clippings will result in thatching or obstruct drainage structures. All trash must be removed.

All erosion rills must be noted during the quarterly inspection. Erosion rills must be filled with topsoil, seeded with Georgia Department of Transportation (DOT)-approved similar grasses, mulched to prevent loss of seed, irrigated sufficiently to establish and maintain growth if needed, and if necessary, surface erosion control blankets must be installed.

All areas of ponding must be noted during the quarterly inspection. Ponding areas must be regraded, seeded, mulched, and if necessary, surface erosion control blankets installed to provide for drainage off of and away from the cover. Check dams must be checked for excess silt or buildup of debris. Excess silt/debris must be removed. Berms must be checked for erosion or slumping. If slumping or erosion is noted, the berm must be regraded, seeded, mulched, and if necessary, surface erosion control blankets installed. All maintenance of the drainage system must be documented in a logbook and on Maintenance Record forms.

2.1 Major Damage – Drainage System

The following conditions are considered major damage to the Drainage System:

- Any rill greater than one foot (1') wide and/or greater than six inches (6") deep
- An area of ponding with standing water still present forty-eight (48) hours after a rain event
- Any check dam or berm that is breached

If major damage is noted, EPD must be notified within 24 hours, and repairs must be completed within seven (7) days of discovery. Any major damage not repaired within seven (7) days must be reported in writing to EPD within nine (9) days of discovery. All other items requiring repair must be completed within thirty (30) days of discovery. Repairs must be made in accordance with the Construction Specifications and must be conducted by qualified

contractors with personnel who meet the requirements specified in the Construction Specifications.

3.0 GROUNDWATER MONITORING NETWORK AND DEWATERING WELL

3.1 Groundwater Monitoring Network and Dewatering Well

The groundwater-monitoring network and the dewatering well at the Site must be maintained and inspected quarterly. Damage to the locks, wells, and well labels could result from vandalism or weathering. Any damage of the groundwater-monitoring network must be repaired. If locks have rusted and do not function properly, they must be replaced. All wells must remain securely locked.

Wells must be observed for accumulations of silt and sand by measuring the total depth during sampling and comparing these depths to previous and original depths. If an accumulation of silt or sand is noted, the well must be redeveloped. The wells must be visually inspected for signs of grout or concrete stress or failure, and the watertight locking caps must be inspected for cracked or torn rubber seals. All Site wells will be maintained and inspected to ensure the well integrity. All maintenance of the monitoring well system and the dewatering well must be documented in a logbook and on Maintenance Record forms.

3.2 Major Damage – Groundwater Monitoring Network and Dewatering Well

The following conditions are considered major damage:

- Damaged well cap
- Damaged well casing inside well
- Erosion undermining concrete pad around well
- Damage or cracking of concrete pad around well
- Damage to the manhole cover, such that the manhole cover no longer functions properly or protects underlying well from damage

If major damage is noted, EPD must be notified within 24 hours, and repairs must be completed within seven (7) days of discovery. Any major damage not repaired within seven (7) days must be reported in writing to EPD within nine (9) days of discovery. All other items requiring repair must be completed within thirty (30) days of discovery. Repairs must be made in accordance with the Construction Specifications and must be conducted by qualified contractors with personnel who meet the requirements specified in the Construction Specifications.

4.0 REPORTING

Semi-annual landfill maintenance and inspection reports that include results from quarterly inspection events from the first half and second half of each calendar year, along with a cover letter, must be submitted to EPD, in addition to submission of an annual groundwater monitoring report. Annually in the cover letter for the landfill maintenance and inspection report, the name, mailing address, telephone number and facsimile number of the person EPD should contact regarding the closure requirements associated with the landfill must be provided.

ENCLOSURE 1

March 2015 (Quarter 44)
M&M Inspection Log

(Two Pages)

NORTHSIDE DRIVE LANDFILL
ATLANTA, GEORGIA
M&M INSPECTION LOG

DATE: **March 20, 2015**

WEATHER: **Foggy, Overcast, 53°F, Humidity 90%**

INSPECTOR(S): **Tim Bricker, PE**

Component Inspected	Condition of Component	Check if Major Damage
Vegetative cover	A good stand of grass was observed and maintained at an acceptable height (less than 8 inches). Previously-observed minor damage remained in the vegetative cover and soil at two areas just beyond the perimeter of the cap. • By the landfills northeast perimeter, a depression greater than 1 foot wide and 3 inches was observed next to the new sidewalk construction • By the northwest landfill perimeter, an intermittent depression approximately 15 feet long and greater than 3 inches deep was observed running parallel to the sidewalk on John Street	
Asphalt Parking Lot	Minor cracking was observed at multiple locations on the lot. The majority of the cracks were no wider than ¼ inch and none had penetrated the asphalt. The asphalt has been covered with a sealant coat between March-June, 2010. Six new patches were present resulting from the patching of the liner due to direct push points in late August 2013.	
Concrete Cap	No issues noted.	
Granite Markers	No issues noted.	
Drainage system	No issues noted.	
Groundwater monitoring network	No issues noted.	

Comments:

1. Minor cracking in the asphalt surface of the parking lot was observed at various locations, but this does not represent major damage requiring immediate repair. No cracks appeared to be wider than ¼ inch wide and none appeared to have penetrated the asphalt surface into the underlying fill; however, the cracking indicates that weathering is beginning to impact the asphalt. GWCC may want to consider filling in the cracks, resealing the new asphalt surfaces, and restriping them before weathering processes begin to create major damage on the asphalt parking lot.

Tetra Tech prepared this report in accordance with the requirements and obligations specified in Section 4.0 of the Monitoring and Maintenance Plan (Georgia Department of Natural Resources, December 2003, revised July 2005).

Tim Bricker, PE

NORTHSIDE DRIVE LANDFILL
ATLANTA, GEORGIA
M&M INSPECTION LOG

DATE: **March 20, 2015**

WEATHER: **Foggy, Overcast, 53°F, Humidity 90%**

INSPECTOR(S): **Tim Bricker, PE**

Component Inspected	Repair Dates		Inspector	Description of Repairs	Check if Major Damage
	Initiated	Completed			
Vegetative cover	None Required	N/A	Tim Bricker	N/A	N/A
Asphalt Parking Lot	None Required	N/A	Tim Bricker	N/A	N/A
Concrete Cap	None Required	N/A	Tim Bricker	N/A	N/A
Granite Markers	None Required	N/A	Tim Bricker	N/A	N/A
Drainage system	None Required	N/A	Tim Bricker	N/A	N/A
Groundwater monitoring network	None Required	N/A	Tim Bricker	N/A	N/A

TiRBC

Tim Bricker, PE

ENCLOSURE 2

June 2015 (Quarter 45)
M&M Inspection Log

(Two Pages)

NORTHSIDE DRIVE LANDFILL
ATLANTA, GEORGIA
M&M INSPECTION LOG

DATE: **June 19, 2015**

WEATHER: **Sunny, Clear, 86°F, Humidity75%**

INSPECTOR(S): **Tim Bricker, PE**

Component Inspected	Condition of Component	Check if Major Damage
Vegetative cover	A good stand of grass was observed and maintained at an acceptable height (less than 8 inches). Previously-observed minor damage remained in the vegetative cover and soil at two areas just beyond the perimeter of the cap. • By the landfills northeast perimeter, a depression greater than 1 foot wide and 3 inches was observed next to the new sidewalk construction • By the northwest landfill perimeter, an intermittent depression approximately 15 feet long and greater than 3 inches deep was observed running parallel to the sidewalk on John Street	
Asphalt Parking Lot	Minor cracking was observed at multiple locations on the lot. The majority of the cracks were no wider than ¼ inch and none had penetrated the asphalt. The asphalt has been covered with a sealant coat between March-June, 2010. Six new patches were present resulting from the patching of the liner due to direct push points in late August 2013.	
Concrete Cap	No issues noted.	
Granite Markers	No issues noted.	
Drainage system	No issues noted.	
Groundwater monitoring network	No issues noted.	

Comments:

1. Minor cracking in the asphalt surface of the parking lot was observed at various locations, but this does not represent major damage requiring immediate repair. No cracks appeared to be wider than ¼ inch wide and none appeared to have penetrated the asphalt surface into the underlying fill; however, the cracking indicates that weathering is beginning to impact the asphalt. GWCC may want to consider filling in the cracks, resealing the new asphalt surfaces, and restriping them before weathering processes begin to create major damage on the asphalt parking lot.

Tetra Tech prepared this report in accordance with the requirements and obligations specified in Section 4.0 of the Monitoring and Maintenance Plan (Georgia Department of Natural Resources, December 2003, revised July 2005).

TiRBC

Tim Bricker, PE

NORTHSIDE DRIVE LANDFILL
ATLANTA, GEORGIA
M&M INSPECTION LOG

DATE: **June 19, 2015**

WEATHER: **Sunny, Clear, 86°F, Humidity75%**

INSPECTOR(S): **Tim Bricker, PE**

Component Inspected	Repair Dates		Inspector	Description of Repairs	Check if Major Damage
	Initiated	Completed			
Vegetative cover	None Required	N/A	Tim Bricker	N/A	N/A
Asphalt Parking Lot	None Required	N/A	Tim Bricker	N/A	N/A
Concrete Cap	None Required	N/A	Tim Bricker	N/A	N/A
Granite Markers	None Required	N/A	Tim Bricker	N/A	N/A
Drainage system	None Required	N/A	Tim Bricker	N/A	N/A
Groundwater monitoring network	None Required	N/A	Tim Bricker	N/A	N/A

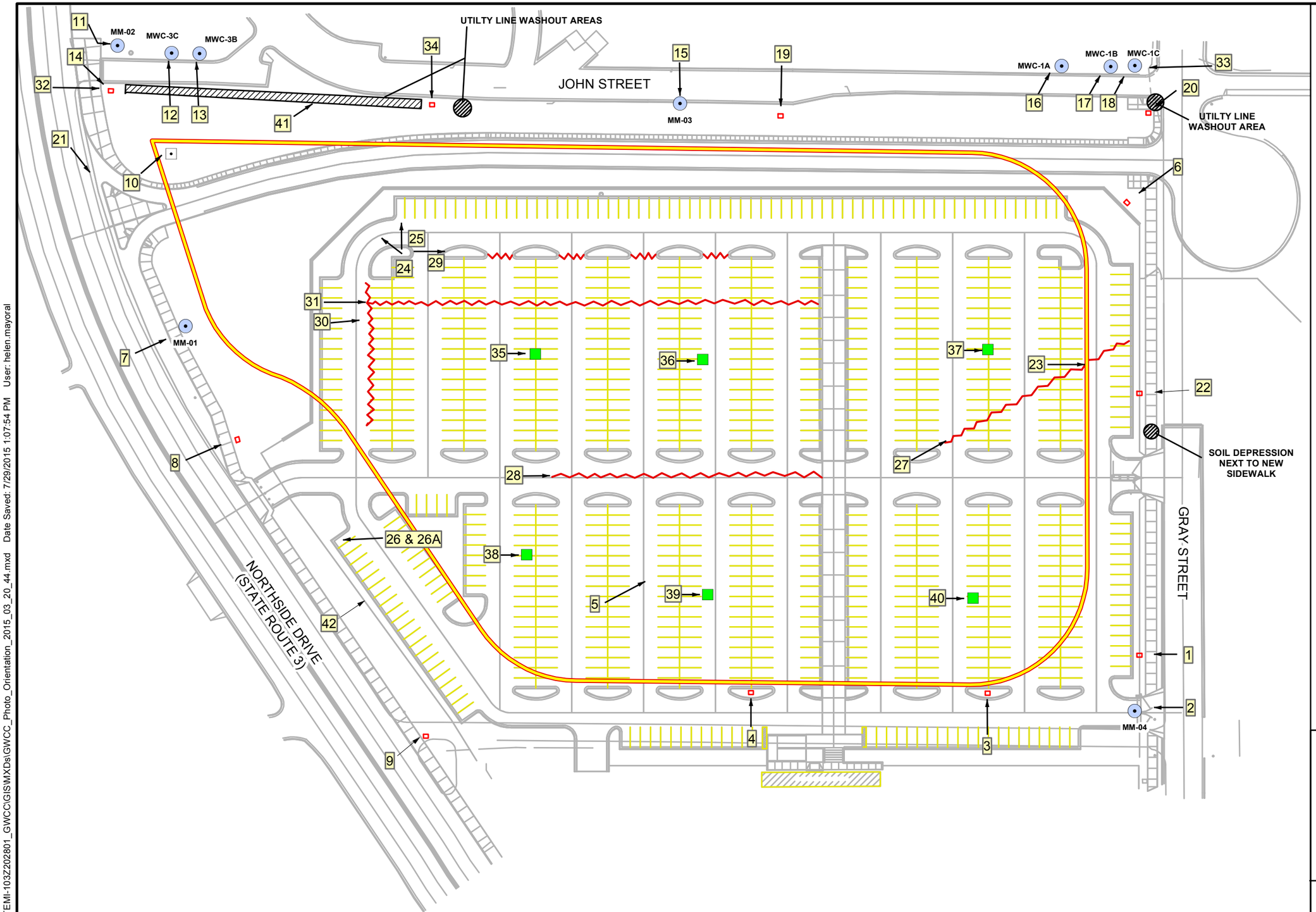
TiRBC

Tim Bricker, PE

ENCLOSURE 3

March 2015 (Quarter 44)
Photograph Orientation Figure

(One Sheet)



Legend

- Soil Boring
- Existing Monitoring Well
- Dewatering Well
- Crack in Asphalt
- Property Monument
- Slurry Wall
- ## Photo Number & Location
- Picture Orientation
- Areas of Concern June 2012 Inspection

SOURCE: MODIFIED FROM WILLIAMS-RUSSELL & JOHNSON, INC.

0 40 80 Feet

PHOTO LOCATIONS
QUARTERLY INSPECTION 44
MARCH 20, 2015

NORTHSIDE DRIVE LANDFILL SITE
GEORGIA WORLD CONGRESS CENTER
ATLANTA, GEORGIA

TETRA TECH

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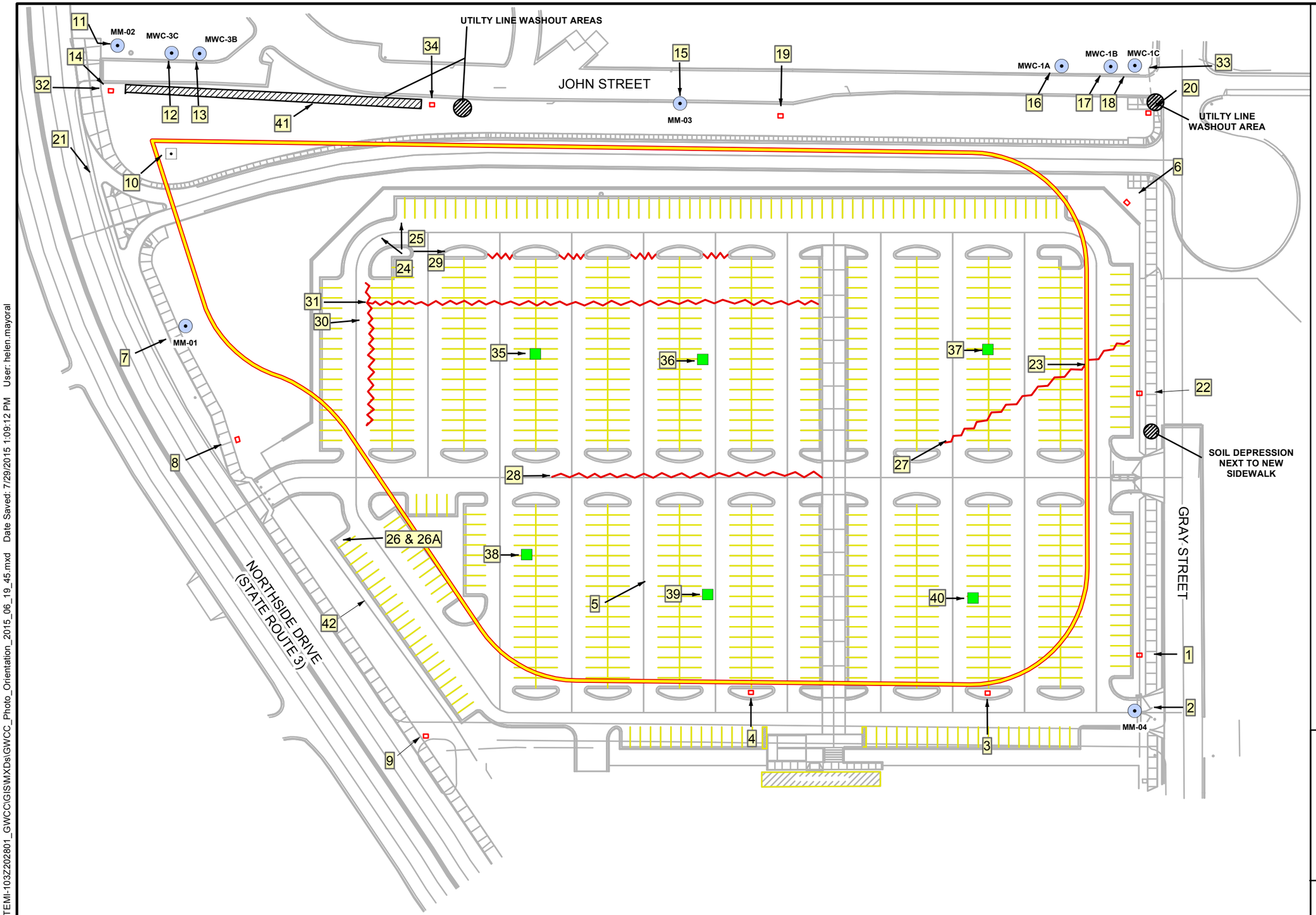
ENCLOSURE 4

June 2015 (Quarter 45)
Photograph Orientation Figure

(One Sheet)



Legend

- Soil Boring
- Existing Monitoring Well
- Dewatering Well
- Crack in Asphalt
- Property Monument
- Slurry Wall
- ## Photo Number & Location
- Picture Orientation
- Areas of Concern June 2012 Inspection

SOURCE: MODIFIED FROM WILLIAMS-RUSSELL & JOHNSON, INC.

0 40 80 Feet

PHOTO LOCATIONS
QUARTERLY INSPECTION 45
JUNE 19, 2015

NORTHSIDE DRIVE LANDFILL SITE
GEORGIA WORLD CONGRESS CENTER
ATLANTA, GEORGIA

TETRA TECH

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ENCLOSURE 5

March 2015 (Quarter 44)

Photographic Log

(43 Pages)

OFFICIAL PHOTOGRAPH NO. 1
TETRA TECH

Subject: Granite plaque located on the east, southeast side of the north parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 2
TETRA TECH

Subject: Background monitoring well, MM-04.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 3
TETRA TECH

Subject: Granite plaque on the southeast corner of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 4
TETRA TECH

Subject: Granite plaque on the south side of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 5
TETRA TECH

Subject: Eastern portion of the lot looking northeast.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Northeast

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 6
TETRA TECH

Subject: Granite plaque on the northeastern perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 7
TETRA TECH

Subject: Monitoring well, MM-01.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 8
TETRA TECH

Subject: Granite plaque on the western perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 9
TETRA TECH

Subject:	Granite plaque on the southwestern perimeter of lot.		
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia		
Date:	March 20, 2015	**Orientation:**	Aerial
Photographer:	Tim Bricker, PE Tetra Tech		

OFFICIAL PHOTOGRAPH NO. 10
TETRA TECH

Subject:	Dewatering well at the northwest perimeter of the property.
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia
Date:	March 20, 2015 **Orientation:** Aerial
Photographer:	Tim Bricker, PE Tetra Tech

OFFICIAL PHOTOGRAPH NO. 11
TETRA TECH

Subject: Monitoring well, MM-02 at the corner of John Street and Northside Drive.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 12
TETRA TECH

Subject: Monitoring well, MWC-3C at the corner of John Street and Northside Drive.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 13
TETRA TECH

Subject:	Monitoring well, MWC-3B at the corner of John Street and Northside Drive.		
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia		
Date:	March 20, 2015	**Orientation:**	Aerial
Photographer:	Tim Bricker, PE Tetra Tech		

OFFICIAL PHOTOGRAPH NO. 14
TETRA TECH

Subject: Granite plaque on the northwestern perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 15
TETRA TECH

Subject: Monitoring well, MM-03.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 16
TETRA TECH

Subject:	Monitoring well, MWC-1A at the corner of John Street and Gray Street.
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia
Date:	March 20, 2015 **Orientation:** Aerial
Photographer:	Tim Bricker, PE Tetra Tech

OFFICIAL PHOTOGRAPH NO. 17
TETRA TECH

Subject: Monitoring well, MWC-1B at the corner of John Street and Gray Street.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 18
TETRA TECH

Subject:	Monitoring well, MWC-1C at the corner of John Street and Gray Street.
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia
Date:	March 20, 2015 **Orientation:** Aerial
Photographer:	Tim Bricker, PE Tetra Tech

OFFICIAL PHOTOGRAPH NO. 19
TETRA TECH

Subject: Granite plaque on the north perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 20
TETRA TECH

Subject: Granite plaque on the northeastern corner of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 21
TETRA TECH

Subject:	Concrete median at the intersection of Northside Drive and John Street.		
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia		
Date:	March 20, 2015	**Orientation:**	Southeast
Photographer:	Tim Bricker, PE Tetra Tech		

OFFICIAL PHOTOGRAPH NO. 22
TETRA TECH

Subject: Granite plaque on the eastern perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 23
TETRA TECH

Subject: Stormwater drains located at the eastern parking lot perimeter. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 24
TETRA TECH

Subject: Stormwater drains located at the northwest parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Northwest

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 25
TETRA TECH

Subject: Stormwater drain located at the northwest parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** North

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 26
TETRA TECH

Subject:	Location of stormwater drain on the west side of the parking lot perimeter. A cargo container is being stored in front of the drain.
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia
Date:	March 20, 2015 **Orientation:** Southwest
Photographer:	Tim Bricker, PE Tetra Tech

OFFICIAL PHOTOGRAPH NO. 26A
TETRA TECH

Subject: Closeup of the stormwater drain located behind the cargo container stored along the west side of the parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** South

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 27
TETRA TECH

Subject: A small crack in the asphalt leading to the stormwater drains on the eastern side of the parking lot. Stormwater flows in this low point of the parking lot, which has caused minor staining. The crack is estimated to be approximately 200 feet long, ¼ inch wide and ¼ inch deep. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Northeast

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 28
TETRA TECH

Subject: Example of another crack which runs east to west on the main entrance/exit roadway. Like the previously observed crack, it is no larger than ¼ inch wide and ¼ inch deep. This crack traverses almost the entire length of the entrance/exit roadway. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 29
TETRA TECH

Subject: Example of another crack which runs east to west on the entrance way of the parking lot row. Over half of the rows have cracks similar to this one. They occur where the asphalt seams are joined. Like the previously observed crack, it is no larger than ¼ inch wide and ¼ inch deep. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 30
TETRA TECH

Subject: Example of another crack, which runs north to south on the western most row of the north parking lot. A standard pen is used to show the approximate width of the crack. The width of this crack is typical of all cracks observed in the asphalt of the north parking lot. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 31
TETRA TECH

Subject: Example of another crack which runs east to west. This crack is located on the northern portion of the parking lot and traverses the entire parking lot west of the north/south walkway. Once again, this crack occurs where the asphalt seams are joined. Like the previously observed cracks, it is no larger than ¼ inch wide and ¼ inch deep. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 32
TETRA TECH

Subject: Monitoring wells, MM-02, MWC-3B and MWC-3C are inside the fence line between the trees.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 33
TETRA TECH

Subject: Monitoring wells, MW-1A, MW-1B and MW-1C at the corner of John Street and Gray Street.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** West

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 34
TETRA TECH

Subject: Granite plaque on the northern perimeter of the property. This plaque was noted to be missing in previous inspections due to overgrown brush.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 35
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-30, located in the northwest part of the parking lot.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 36
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-31, located in the north part of the parking lot.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 37
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-32, located in the northeast part of the parking lot.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 38
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-33, located in the southwest part of the parking lot.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 39
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-34, located in the south part of the parking lot.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 40
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-35, located in the southeast part of the parking lot.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 41
TETRA TECH

Subject: Eroded soil along sidewalk south of John Street.
.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 42
TETRA TECH

Subject: Repaired fence along Northside Drive. This fence had been broken during the last inspection in December 2014.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: March 20, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

ENCLOSURE 6

June 2015 (Quarter 45)
Photographic Log

(42 Pages)

OFFICIAL PHOTOGRAPH NO. 1
TETRA TECH

Subject: Granite plaque located on the east, southeast side of the north parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 2
TETRA TECH

Subject: Background monitoring well, MM-04.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 3
TETRA TECH

Subject: Granite plaque on the southeast corner of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 4
TETRA TECH

Subject: Granite plaque on the south side of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 5
TETRA TECH

Subject: Eastern portion of the lot looking northeast.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Northeast

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 6
TETRA TECH

Subject: Granite plaque on the northeastern perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 7
TETRA TECH

Subject: Monitoring well, MM-01.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 8
TETRA TECH

Subject: Granite plaque on the western perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 9
TETRA TECH

Subject: Granite plaque on the southwestern perimeter of lot.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 10
TETRA TECH

Subject:	Dewatering well at the northwest perimeter of the property.
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia
Date:	June 19, 2015 **Orientation:** Aerial
Photographer:	Tim Bricker, PE Tetra Tech

OFFICIAL PHOTOGRAPH NO. 11
TETRA TECH

Subject: Monitoring well, MM-02 at the corner of John Street and Northside Drive.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 12
TETRA TECH

Subject: Monitoring well, MWC-3C at the corner of John Street and Northside Drive.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 13
TETRA TECH

Subject:	Monitoring well, MWC-3B at the corner of John Street and Northside Drive.
Site:	Northside Drive Landfill Site (GWCC – 15) Fulton County Atlanta, Georgia
Date:	June 19, 2015 **Orientation:** Aerial
Photographer:	Tim Bricker, PE Tetra Tech

OFFICIAL PHOTOGRAPH NO. 14
TETRA TECH

Subject: Granite plaque on the northwestern perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 15
TETRA TECH

Subject: Monitoring well, MM-03.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 16
TETRA TECH

Subject: Monitoring well, MWC-1A at the corner of John Street and Gray Street.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 17
TETRA TECH

Subject: Monitoring well, MWC-1B at the corner of John Street and Gray Street.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 18
TETRA TECH

Subject: Monitoring well, MWC-1C at the corner of John Street and Gray Street.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 19
TETRA TECH

Subject: Granite plaque on the north perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 20
TETRA TECH

Subject: Granite plaque on the northeastern corner of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 21
TETRA TECH

Subject: Concrete median at the intersection of Northside Drive and John Street.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Southeast

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 22
TETRA TECH

Subject: Granite plaque on the eastern perimeter of the property.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 23
TETRA TECH

Subject: Stormwater drains located at the eastern parking lot perimeter. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 24
TETRA TECH

Subject: Stormwater drains located at the northwest parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Northwest

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 25
TETRA TECH

Subject: Stormwater drain located at the northwest parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** North

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 26
TETRA TECH

Subject: Location of stormwater drain on the west side of the parking lot perimeter. A cargo container is being stored in front of the drain.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Southwest

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 26A
TETRA TECH

Subject: Closeup of the stormwater drain located behind the cargo container stored along the west side of the parking lot perimeter.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** South

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 27
TETRA TECH

Subject: A small crack in the asphalt leading to the stormwater drains on the eastern side of the parking lot. Stormwater flows in this low point of the parking lot, which has caused minor staining. The crack is estimated to be approximately 200 feet long, ¼ inch wide and ¼ inch deep. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Northeast

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 28
TETRA TECH

Subject: Example of another crack which runs east to west on the main entrance/exit roadway. Like the previously observed crack, it is no larger than ¼ inch wide and ¼ inch deep. This crack traverses almost the entire length of the entrance/exit roadway. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 29
TETRA TECH

Subject: Example of another crack which runs east to west on the entrance way of the parking lot row. Over half of the rows have cracks similar to this one. They occur where the asphalt seams are joined. Like the previously observed crack, it is no larger than ¼ inch wide and ¼ inch deep. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 30
TETRA TECH

Subject: Example of another crack, which runs north to south on the western most row of the north parking lot. A standard pen is used to show the approximate width of the crack. The width of this crack is typical of all cracks observed in the asphalt of the north parking lot. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 31
TETRA TECH

Subject: Example of another crack which runs east to west. This crack is located on the northern portion of the parking lot and traverses the entire parking lot west of the north/south walkway. Once again, this crack occurs where the asphalt seams are joined. Like the previously observed cracks, it is no larger than ¼ inch wide and ¼ inch deep. The existing crack was still present, but had not increased in size.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 32
TETRA TECH

Subject: Monitoring wells, MM-02, MWC-3B and MWC-3C are inside the fence line between the trees.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 33
TETRA TECH

Subject: Monitoring wells, MW-1A, MW-1B and MW-1C at the corner of John Street and Gray Street.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** West

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 34
TETRA TECH

Subject: Granite plaque on the northern perimeter of the property. This plaque was noted to be missing in previous inspections due to overgrown brush.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** Aerial

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 35
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-30, located in the northwest part of the parking lot.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 36
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-31, located in the north part of the parking lot.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 37
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-32, located in the northeast part of the parking lot.

.

Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 38
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-33, located in the southwest part of the parking lot.

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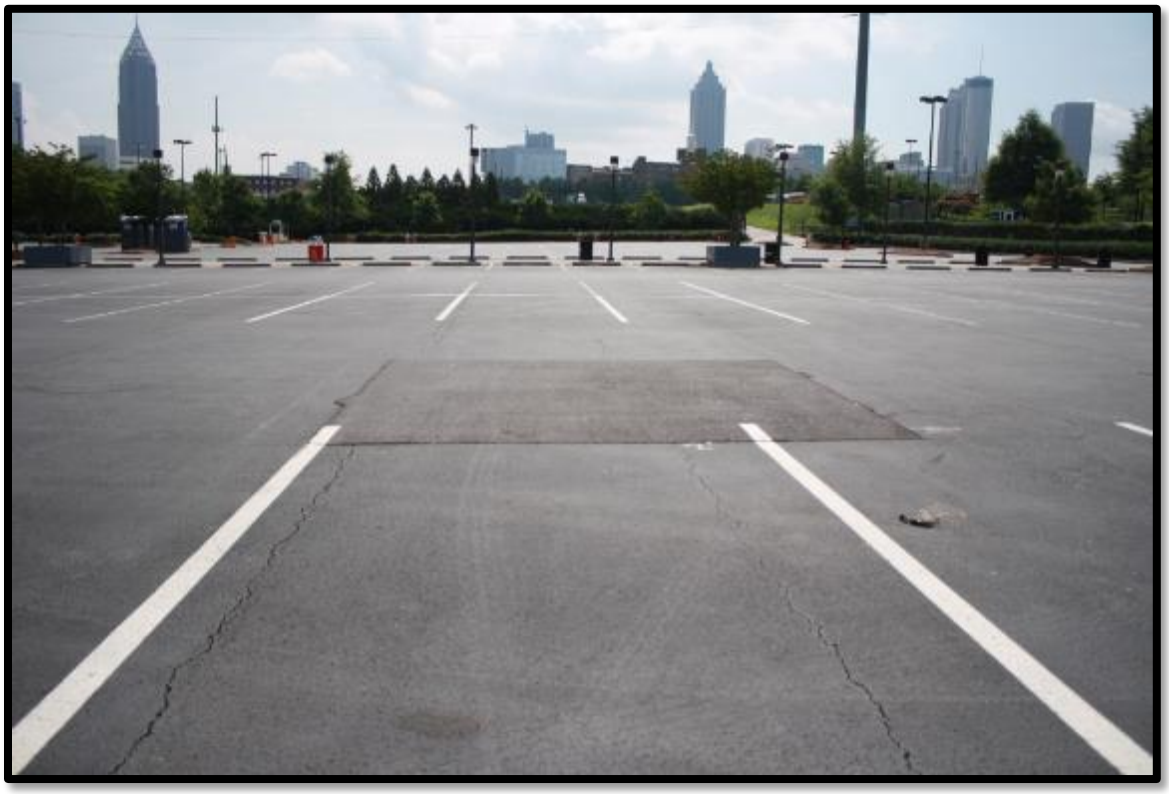
Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech



OFFICIAL PHOTOGRAPH NO. 39
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-34, located in the south part of the parking lot.

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Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 40
TETRA TECH

Subject: Restored asphalt patch for direct push location DP-35, located in the southeast part of the parking lot.

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Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 41
TETRA TECH

Subject: Eroded soil along sidewalk south of John Street.
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Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech

OFFICIAL PHOTOGRAPH NO. 42
TETRA TECH

Subject: Repaired fence along Northside Drive. This fence had been broken during the last inspection in December 2014.

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Site: Northside Drive Landfill Site (GWCC – 15)
Fulton County
Atlanta, Georgia

Date: June 19, 2015 **Orientation:** East

Photographer: Tim Bricker, PE
Tetra Tech