



**QUALITY ASSURANCE  
MONTHLY SITE  
ASSESSMENT REPORT**

**Site or Project Name:**

Airfield Modernization Program  
Runway 5L-23R Reconstruction  
Project 2 / Project 3

**Applicable Permit #:**

NPDES TN0081868 (Individual)  
NPDES TNR134734 (General)

**Contractor:**

Eutaw Construction Co. (Project 2)  
The Harper Co. (Project 3)

**Site Assessment Dates:**

06/11/20  
06/25/20

**Site Assessment Reviewer:**

Jason R. Hunt, P.E. / Larry Davis  
Jason R. Hunt, P.E. / Larry Davis

**Company:**

Cannon & Cannon, Inc.  
Cannon & Cannon, Inc.

**Site Assessment Certification:**

"I certify under penalty of law that these inspection records and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that inspections of stormwater discharge points (outfalls) and of erosion and sediment controls have been performed as recorded in these records. I certify that erosion prevention and sediment controls in the drainage area of the identified outfall were installed as planned and designed and in working order as recorded in these records. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Primary Permittee:

Eric Williamson  
Project Manager  
Metropolitan Knoxville Airport Authority

Site Assessment Reviewer:

Jason R. Hunt, P.E.  
Cannon & Cannon, Inc.

(See attached documents for areas noted as requiring additional erosion control measures or maintenance of installed devices)



## QUALITY ASSURANCE SITE ASSESSMENT

**Site Assessment Date:**

06/25/2020

**Start and End Time**

9:30 am - 1:30 pm

**Site or Project Name:**

Airfield Modernization Program  
Runway 5L-23R Reconstruction  
Project 2 / Project 3 /  
PSXE820001-Repair Taxiway  
Lighting

**Site Assessment Reviewer:**

Jason R. Hunt, P.E.

**Site Conditions:**

Sunny, 85

**Company:**

Cannon & Cannon, Inc.

**Applicable Permit #:**

NPDES TN0081868 (Individual)  
NPDES TNR134734 (General)

**Contractor:**

Eutaw Construction Co. (Project 2)  
The Harper Co. (Project 3)  
The Harper Co. (TWY Lighting)

**Coordination:**

Jim McNamara (CHA Companies)

Clark Chitwood (CCI)

Larry Davis (CCI)

**Distribution:**

Valerie McFall (TDEC Knoxville)  
Todd Henry (CHA)  
Jim McNamara (CHA)

Eric Williamson (MKAA)  
Bryan White (MKAA)  
Scott Crimmins (CHA)

Samantha Kleem (Harper)  
Dennis Rauch (Harper)

**Site Assessment Comments:**

Site assessment was performed with the EPSC Inspector (Larry Davis-CCI). Site conditions were mostly dry.

Current disturbed area remains at approximately 43.1 acres (based on areas that have not received application of stabilization measure - not based on actual grass establishment).

See attached Photo Log for areas requiring additional measures or modification. Reference the EPSC inspection reports for additional site requirements and coordination. The site assessment may not include all measures that are required.



**QUALITY ASSURANCE  
SITE ASSESSMENT**  
Review Date: 06/25/2020  
Reviewer: Jason R. Hunt, P.E.

## **AIRFIELD MODERNIZATION PROGRAM RUNWAY 5L-23R RECONSTRUCTION**

**PROJECT 2 – VOLUMES 1 AND 2  
(CONTRACTOR – EUTAW CONSTRUCTION CO.)**

**PROJECT 3 – RUNWAY AND ASSOCIATED TAXIWAY PAVING  
(CONTRACTOR – THE HARPER COMPANY)**

**PROJECT 4 – TAXIWAYS B4/B5/B/Y/G4/G  
(CONTRACTOR – THE HARPER COMPANY)**

**TNANG – REPAIR TAXIWAY LIGHTING SYSTEM  
(CONTRACTOR – THE HARPER COMPANY)**



Photo 1  
Sta. 111+56 RT  
(Line LB)  
NLET 01  
Project 2

North Lateral End Treatment 01 (Outfall A).



Photo 2  
Sta. 111+56 RT  
(Line LB)  
NLET 01  
Project 2

North Lateral End Treatment 01 (Outfall A).



Photo 3  
Sta. 111+82 LT  
(Line LB)  
NLET 02  
Project 2

Main outfall to Lackey Creek. This section of the site was inaccessible at time of inspection.



Photo 4  
Sta. 115+28 to Sta. 121+45  
(Line LB)  
Project 2

Grass established at ditch line along Liberty Street.



Photo 5  
Sta. 117+00  
(Line LB)  
Project 2

Guard Lateral Ditch (Outfall B).



Photo 6  
Sta. 117+00  
(Line LB)  
Project 2

Above the Guard Lateral Ditch (Outfall B).  
Construction fall out present. Recommend coordinating remediation with CHA.



Photo 7  
Sta. 117+00  
(Line LB)  
Project 2

Guard Lateral Ditch (Outfall B).



Photo 8  
Sta. 117+00 (RT)  
Project 2

78" culvert in the Guard Lateral Ditch.



Photo 9  
Sta. 287+21 LT  
(RW 5L-23R)  
Structure 124  
Project 3

Structure 124.



Photo 10  
Sta. 289+13 LT  
(RW 5L-23R)  
Structure 122  
Project 3

Structure 122.  
Recommend stabilizing remaining bare areas.



Photo 11  
Sta. 291+51 LT  
(RW 5L-23R)  
Structure 120  
Project 3

Structure 120.



Photo 12  
Sta. 294+31 LT  
(RW 5L-23R)  
Structure 118  
Project 3

Structure 118.



Photo 13  
Sta. 298+71 LT  
(RW 5L-23R)  
Structure 116  
Project 3

Structure 116.  
Recommend stabilizing bare areas.



Photo 14  
Sta. 302+54 LT  
(RW 5L-23R)  
Structure 114  
Project 3

Structure 114.  
Bare areas recently stabilized.



Photo 15  
Sta. 303+36 LT  
(RW 5L-23R)  
Structure 12  
Project 3

Structure 12.  
Bare areas recently stabilized.



Photo 16  
Sta. 310+04 LT  
(RW 5L-23R)  
Structure 10  
Project 3

Structure 10.  
Bare areas recently stabilized.



Photo 17  
Concrete washout area  
Project 3

Concrete washout area.  
Washout area appears to be in use again.  
Recommend reinstalling proper signage per the permit.



Photo 18  
Sta. 310+00 LT  
(RW 5L-23R)  
Project 3

Structure 112



Photo 19  
Sta. 314+48 LT  
(RW 5L-23R)  
ES Endwall 108  
Project 3

Enhanced Swale Endwall 108.  
Recommend stabilizing remaining bare areas.



Photo 20  
Sta. 314+48 LT  
(RW 5L-23R)  
ES Endwall 108  
Project 3

Enhanced Swale Endwall 108.  
Recommend stabilizing remaining bare areas.



Photo 21  
Sta. 324+86 LT  
(RW 5L-23R)  
ES Endwall 106  
Project 3

Enhanced Swale Endwall 106.



Photo 22  
Sta. 324+86 to Sta. 335+73 LT  
(RW 5L-23R)  
ES Endwall 106  
Project 3

Enhanced Swale Endwall 106.



Photo 23  
Sta. 335+73 LT  
(RW 5L-23R)  
ES Endwall 104  
Project 3

Enhanced Swale Endwall 104.



Photo 24  
Sta. 335+73 LT  
(RW 5L-23R)  
ES Endwall 104  
Project 3

Enhanced Swale Endwall 104.



Photo 25  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Potential construction fallout on Storm Line 1 between ES Endwall 104 and 102.



Photo 26  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

First construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 27  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Second construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 28  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Third construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 29  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Fourth construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 30  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Fifth construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 31  
Sta. 347+31 LT  
(RW 5L-23R)  
ES Endwall 102  
Project 3

Enhanced Swale Endwall 102.  
Recommend stabilizing remaining bare areas.



Photo 32  
Sta. 347+31 LT  
(RW 5L-23R)  
ES Endwall 102  
Project 3

Enhanced Swale Endwall 102.  
Recommend stabilizing remaining bare areas.



Photo 33  
Sta. 341+50 LT  
(RW 5L-23R)  
ES Endwall 102  
Project 3

Construction fallout on Storm Line 1 between ES Endwall 102 and 100.  
Coordinate remediation with CHA.



Photo 34  
Sta. 354+75 LT  
(RW 5L-23R)  
ES Endwall 100  
Project 2

Enhanced Swale Endwall 100.



Photo 35  
Sta. 354+75 LT  
(RW 5L-23R)  
ES Endwall 100  
Project 3

Enhanced Swale Endwall 100.



Photo 36  
Sta. 361+39 LT  
(RW 5L-23R)  
Structure 100  
Project 3

Structure 100.  
Recommend stabilizing remaining bare areas.



Photo 37  
Sta. 363+35 LT  
(RW 5L-23R)  
Existing Structure  
Project 2

Existing Structure.



Photo 38  
Sta. 366+25 LT  
(RW 5L-23R)  
Existing Structure  
Project 2

Existing Structure.  
Recommend stabilizing bare areas.



Photo 39  
Sta. 369+11 LT  
(RW 5L-23R)  
Existing Structure  
Project 2

Existing Structure.  
Recommend stabilizing bare areas.



Photo 40  
Sta. 677+00 RT  
(RW 5L-23R)  
Existing Structure  
Project 4

Structure south of Taxiway "G".  
Slopes recently regraded.  
Recommend stabilizing bare areas.



Photo 41  
Sta. 677+00 RT  
(RW 5L-23R)  
Project 4

Structure between Taxiway G and UPS Facility.



Photo 42  
Sta. 676+00 RT  
(RW 5L-23R)  
Project 4

New structure recently placed.  
Area recently backfilled, inlet protection installed, and erosion control blanket installed.



Photo 43  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing structure south of Taxiway G  
Area recently regraded, recommend stabilizing bare areas.



Photo 44  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing structure south of Taxiway G.



Photo 45  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing structure north of Taxiway G.



Photo 46  
Sta. 366+89 RT  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing Structure adjacent to Outfall C.



Photo 47  
Sta. 366+89 RT  
(RW 5L-23R)  
Outfall C  
Project 4

Recommend removing filter fabric from this structure to allow sampling for DMR.  
(Outfall C).



Photo 48  
(RW 5L-23R)  
TWY Y Tie-in  
Project 4

Existing structure north of Taxiway Y.



Photo 49  
(RW 5L-23R)  
TWY Y Tie-in  
Project 4

Existing structure south of Taxiway Y.  
Bare areas recently stabilized.



Photo 50  
Sta. 362+02 LT  
(RW 5L-23R)  
Structure 400  
Project 4

Structure 400.  
Bare areas recently stabilized.



Photo 51  
Sta. 353+56 RT  
(RW 5L-23R)  
Structure 20  
Project 4

Structure 20.



Photo 52  
Taxiway "B"  
Project 4

Taxiway "B"  
Shoulders recently stabilized.



Photo 53  
Sta. 347+26 RT  
(RW 5L-23R)  
Structure 22  
Project 4

Structure 22.  
Sediment tubes recently relocated to edge of sod. Recommend stabilizing bare areas.



Photo 54  
Sta. 353+56 RT  
(RW 5L-23R)  
Structure 200  
Project 4

Structure 200.



Photo 55  
Sta. 347+26 RT  
(RW 5L-23R)  
Structure 202  
Project 4

Structure 202.  
Bare areas recently stabilized.



Photo 56  
Sta. 341+86 RT  
(RW 5L-23R)  
Structure 204  
Project 4

Structure 204.



Photo 57  
Sta. 341+86 RT  
(RW 5L-23R)  
Project 4

Construction fallout on Storm Line 2 between structures 204 and 206.  
Recommend coordinating remediation with CHA.



Photo 58  
Sta. 338+02 RT  
(RW 5L-23R)  
Structure 206  
Project 4

Structure 206.



Photo 59  
(RW 5L-23R)  
Project 4

Construction fallout on Storm Line 2 between structures 206 and 208.  
Recommend coordinating remediation with CHA.



Photo 60  
Sta. 338+02 RT  
(RW 5L-23R)  
Structure 208  
Project 4

Structure 208.



Photo 61  
Sta. 329+86 RT  
(RW 5L-23R)  
Structure 210  
Project 3

Structure 210.  
Bare areas recently stabilized.



Photo 62  
Sta. 321+73 RT  
(RW 5L-23R)  
Structure 212  
Project 3

Structure 212.



Photo 63  
Sta. 314+32 RT  
(RW 5L-23R)  
Structure 214  
Project 3

Structure 214.



Photo 64  
Sta. 307+99 RT  
(RW 5L-23R)  
Structure 216  
Project 3

Structure 216.



Photo 65  
Sta. 301+87 RT  
(RW 5L-23R)  
Structure 218  
Project 3

Structure 218.  
Erosion control blanket recently added.  
Recommend stabilizing bare areas.  
Recommend removing sediment from top of structure.



Photo 66  
Sta. 296+83 RT  
(RW 5L-23R)  
Structure 220  
Project 2

Structure 220.  
Recommend stabilizing remaining bare areas.



Photo 67  
Sta. 288+26  
(RW 5L-23R)  
Structure 224  
Project 2

Structure 224.



Photo 68  
Sta. 290+26 RT  
(RW 5L-23R)  
Structure 600 Ditch  
Project 2

Structure 600 Ditch.  
Ditch recently regraded and sod applied.  
Recommend stabilizing remaining bare areas.



Photo 69  
Sta. 290+26 RT  
(RW 5L-23R)  
Structure 222  
Project 2

Structure 222.  
Recommend removing inlet protection.  
Recommend stabilizing bare areas.



Photo 70  
Sta. 290+26 RT  
(RW 5L-23R)  
Structure 600 Ditch  
Project 2

Structure 600 ditch.  
Bare areas recently stabilized.



Photo 71  
Sta. 284+59  
(RW 5L-23R)  
Structure 600  
Project 3

Structure 600.  
Bare areas recently stabilized.



Photo 72  
(RW 5L-23R)  
Project 3

Existing structure at stone stockpile area.



Photo 73  
(RW 5L-23R)  
Project 3

Existing structure.



Photo 74  
(RW 5L-23R)  
Project 3

Trenching in place for proposed silt fence.  
Recommend adding silt fence on contour and stabilizing bare areas.



Photo 75  
Sta. 39+00 CL  
Proposed Haul Route  
Project 3

Inlet side of 54" haul route crossing culvert.



Photo 76  
Sta. 39+00 CL  
Proposed Haul Route  
Project 3

Outlet side of 54" haul route crossing culvert.



Photo 77  
Sta. 37+25 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.  
Structures undergoing reconstruction into traditional man holes at time of inspection.



Photo 78  
Sta. 32+50 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.  
Structures undergoing reconstruction into traditional man holes at time of inspection.



Photo 79  
Sta. 302+54  
(RW 5L-23R)  
Project 2

Above North Lateral Endwall 100.  
Erosion control blanket and sediment tubes recently added.  
Recommend stabilizing bare areas.



Photo 80  
Sta. 302+54  
(RW 5L-23R)  
Project 2

Soil stockpile area next to haul road at Taxiway B.  
Additional sediment tubes recently installed.  
Recommend stabilizing bare areas.



Photo 81  
Sta. 302+54 to Sta. 313+50  
(RW 5L-23R)  
Project 2

North Lateral Endwall 100.  
Erosion control blanket and sediment tubes recently added.  
Recommend stabilizing bare areas.



Photo 82  
Sta. 300+60  
(RW 5L-23R)  
Project 2

North Lateral Endwall 102.



Photo 83  
Sta. 29+00 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 84  
Sta. 25+50 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 85  
Sta. 297+01  
(RW 5L-23R)  
Project 2

North Lateral Endwall 104.



Photo 86  
Sta. 295+10  
(RW 5L-23R)  
Project 2

North Lateral Endwall 106.



Photo 87  
Sta. 22+00 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 88  
Sta. 292+08  
(RW 5L-23R)  
Project 2

North Lateral Endwall 108.



Photo 89  
Sta. 290+50 LT  
(RW 5L-23R)  
Project 2

North Lateral Endwall 110.



Photo 90  
Sta. 15+50 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 91  
Sta. 282+45 to 288+26 LT  
(RW 5L-23R)  
Project 2

North Lateral Ditch.



Photo 92  
Sta. 284+00 LT  
(RW 5L-23R)  
Project 2

Existing vault at old Liberty street.  
Construction fallout present. Recommend coordinating with CHA on remediation.



Photo 93  
Sta. 284+00 LT  
(RW 5L-23R)  
Project 2

Previous soil stockpile at old Liberty Street.  
Construction fallout present. Recommend coordinating with CHA on remediation.



Photo 94  
(Repair TWY Lighting)

Fill area adjacent to Liberty Street from Taxiway shoulder removal.



Photo 95  
(Repair TWY Lighting)  
Sheet EC2.1.7

Existing structure at Upper Apron.  
Base stone recently installed. Area appears to be stable.  
Recommend continuing to monitor for possible sediment migration and/or color contrasted water entering apron storm structures.



Photo 96  
(Repair TWY Lighting)  
Sheet EC2.1.6

Existing remaining Taxiway G4 recently demolished.  
Trench drain recently demolished.



Photo 97  
(Repair TWY Lighting)  
Sheet EC2.1.6

Existing structure adjacent to Taxiway G4 being demolished.  
Original inlet protection from Project 2 in place and appears to be properly functioning.



Photo 98  
(Repair TWY Lighting)  
Sheet EC2.1.5

Existing structure at Upper Apron.  
Newly installed underdrain recently backfilled and sediment tubes reinstalled.



Photo 99  
(Repair TWY Lighting)  
Sheet EC2.1.5

Existing structure at Upper Apron.  
Newly installed underdrain recently backfilled.



## QUALITY ASSURANCE SITE ASSESSMENT

**Site Assessment Date:**

06/11/2020

**Start and End Time**

9:30 am - 1:30 pm

**Site or Project Name:**

Airfield Modernization Program  
Runway 5L-23R Reconstruction  
Project 2 / Project 3 /  
PSXE820001-Repair Taxiway  
Lighting

**Site Assessment Reviewer:**

Jason R. Hunt, P.E.

**Site Conditions:**

Cloudy, 80

**Company:**

Cannon & Cannon, Inc.

**Applicable Permit #:**

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NPDES TNR134734 (General)

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Dennis Rauch (Harper)

**Site Assessment Comments:**

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See attached Photo Log for areas requiring additional measures or modification. Reference the EPSC inspection reports for additional site requirements and coordination. The site assessment may not include all measures that are required.



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SITE ASSESSMENT**  
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## **AIRFIELD MODERNIZATION PROGRAM RUNWAY 5L-23R RECONSTRUCTION**

**PROJECT 2 – VOLUMES 1 AND 2  
(CONTRACTOR – EUTAW CONSTRUCTION CO.)**

**PROJECT 3 – RUNWAY AND ASSOCIATED TAXIWAY PAVING  
(CONTRACTOR – THE HARPER COMPANY)**

**PROJECT 4 – TAXIWAYS B4/B5/B/Y/G4/G  
(CONTRACTOR – THE HARPER COMPANY)**

**TNANG – REPAIR TAXIWAY LIGHTING SYSTEM  
(CONTRACTOR – THE HARPER COMPANY)**



Photo 1  
Sta. 111+56 RT  
(Line LB)  
NLET 01  
Project 2

North Lateral End Treatment 01 (Outfall A).



Photo 2  
Sta. 111+56 RT  
(Line LB)  
NLET 01  
Project 2

North Lateral End Treatment 01 (Outfall A).



Photo 3  
Sta. 111+82 LT  
(Line LB)  
NLET 02  
Project 2

Main outfall to Lackey Creek. This section of the site was inaccessible at time of inspection.



Photo 4  
Sta. 111+82 LT  
(Line LB)  
NLET 02  
Project 2

Main outfall to Lackey Creek was inaccessible at time of inspection.



Photo 5  
Sta. 115+28 to Sta. 121+45  
(Line LB)  
Project 2

Grass established at ditch line along Liberty Street.



Photo 6  
Sta. 117+00  
(Line LB)  
Project 2

Guard Lateral Ditch (Outfall B).



Photo 7  
Sta. 117+00  
(Line LB)  
Project 2

Above the Guard Lateral Ditch (Outfall B).  
Construction fall out present. Recommend coordinating remediation with CHA.



Photo 8  
Sta. 117+00  
(Line LB)  
Project 2

Guard Lateral Ditch (Outfall B).



Photo 9  
Sta. 117+00 (RT)  
Project 2

78" culvert in the Guard Lateral Ditch. Clear flow observed at beginning of Site Assessment.



Photo 10  
Sta. 287+21 LT  
(RW 5L-23R)  
Structure 124  
Project 3

Structure 124.  
Recommend stabilizing remaining bare areas.



Photo 11  
Sta. 289+13 LT  
(RW 5L-23R)  
Structure 122  
Project 3

Structure 122.  
Recommend stabilizing remaining bare areas.



Photo 12  
Sta. 291+51 LT  
(RW 5L-23R)  
Structure 120  
Project 3

Structure 120.



Photo 13  
Sta. 294+31 LT  
(RW 5L-23R)  
Structure 118  
Project 3

Structure 118.



Photo 14  
Sta. 298+71 LT  
(RW 5L-23R)  
Structure 116  
Project 3

Structure 116.  
Recommend stabilizing bare areas.



Photo 15  
Sta. 302+54 LT  
(RW 5L-23R)  
Structure 114  
Project 3

Structure 114.  
Bare areas recently stabilized.



Photo 16  
Sta. 303+36 LT  
(RW 5L-23R)  
Structure 12  
Project 3

Structure 12.  
Bare areas recently stabilized.



Photo 17  
Sta. 310+04 LT  
(RW 5L-23R)  
Structure 10  
Project 3

Structure 10.  
Bare areas recently stabilized.



Photo 18  
Sta. 310+00 LT  
(RW 5L-23R)  
Project 3

Structure 112 and concrete washout area adjacent to batch plant.



Photo 19  
Sta. 314+48 LT  
(RW 5L-23R)  
ES Endwall 108  
Project 3

Enhanced Swale Endwall 108.  
Recommend stabilizing remaining bare areas.



Photo 20  
Sta. 314+48 LT  
(RW 5L-23R)  
ES Endwall 108  
Project 3

Enhanced Swale Endwall 108.  
Recommend stabilizing remaining bare areas.



Photo 21  
Sta. 324+86 LT  
(RW 5L-23R)  
ES Endwall 106  
Project 3

Enhanced Swale Endwall 106.



Photo 22  
Sta. 324+86 to Sta. 335+73 LT  
(RW 5L-23R)  
ES Endwall 106  
Project 3

Enhanced Swale Endwall 106.



Photo 23  
Sta. 335+73 LT  
(RW 5L-23R)  
ES Endwall 104  
Project 3

Enhanced Swale Endwall 104.



Photo 24  
Sta. 335+73 LT  
(RW 5L-23R)  
ES Endwall 104  
Project 3

Enhanced Swale Endwall 104.



Photo 25  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Potential construction fallout on Storm Line 1 between ES Endwall 104 and 102.



Photo 26  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

First construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 27  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Second construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 28  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Third construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 29  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Fourth construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 30  
Sta. 341+50 LT  
(RW 5L-23R)  
Between ES Endwall 104 and 102  
Project 3

Fifth construction fallout on Storm Line 1 between ES Endwall 104 and 102.  
Coordinate remediation with CHA.



Photo 31  
Sta. 347+31 LT  
(RW 5L-23R)  
ES Endwall 102  
Project 3

Enhanced Swale Endwall 102.  
Recommend stabilizing remaining bare areas.



Photo 32  
Sta. 347+31 LT  
(RW 5L-23R)  
ES Endwall 102  
Project 3

Enhanced Swale Endwall 102.  
Recommend stabilizing remaining bare areas.



Photo 33  
Sta. 341+50 LT  
(RW 5L-23R)  
ES Endwall 102  
Project 3

Construction fallout on Storm Line 1 between ES Endwall 102 and 100.  
Coordinate remediation with CHA.



Photo 34  
Sta. 354+75 LT  
(RW 5L-23R)  
ES Endwall 100  
Project 2

Enhanced Swale Endwall 100.



Photo 35  
Sta. 354+75 LT  
(RW 5L-23R)  
ES Endwall 100  
Project 3

Enhanced Swale Endwall 100.



Photo 36  
Sta. 361+39 LT  
(RW 5L-23R)  
Structure 100  
Project 3

Structure 100.  
Recommend stabilizing remaining bare areas.



Photo 37  
Sta. 363+35 LT  
(RW 5L-23R)  
Existing Structure  
Project 2

Existing Structure.



Photo 38  
Sta. 366+25 LT  
(RW 5L-23R)  
Existing Structure  
Project 2

Existing Structure.  
Recommend stabilizing bare areas.



Photo 39  
Sta. 369+11 LT  
(RW 5L-23R)  
Existing Structure  
Project 2

Existing Structure.  
Recommend stabilizing bare areas.



Photo 40  
Sta. 677+00 RT  
(RW 5L-23R)  
Existing Structure  
Project 4

Structure south of Taxiway "G".  
Slopes recently regraded.  
Recommend stabilizing bare areas.



Photo 41  
Sta. 677+00 RT  
(RW 5L-23R)  
Project 4

Structure between Taxiway G and UPS Facility.



Photo 42  
Sta. 676+00 RT  
(RW 5L-23R)  
Project 4

New structure recently placed.  
Area recently backfilled, inlet protection installed, and erosion control blanket installed.



Photo 43  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing structure south of Taxiway G  
Area recently regraded, recommend stabilizing bare areas.



Photo 44  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing structure south of Taxiway G.



Photo 45  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing structure north of Taxiway G.



Photo 46  
Sta. 366+89 RT  
(RW 5L-23R)  
Existing Structure  
Project 4

Existing Structure adjacent to Outfall C.



Photo 47  
Sta. 366+89 RT  
(RW 5L-23R)  
Outfall C  
Project 4

Recommend removing filter fabric from this structure to allow sampling for DMR.  
(Outfall C).



Photo 48  
Sta. 365+69 RT  
(RW 5L-23R)  
Structure 300  
Project 4

Structure 300.  
Recommend stabilizing bare areas.



Photo 49  
(RW 5L-23R)  
TWY Y Tie-in  
Project 4

Existing structure north of Taxiway Y.



Photo 50  
(RW 5L-23R)  
TWY Y Tie-in  
Project 4

Existing structure south of Taxiway Y.  
Sod recently installed



Photo 51  
Sta. 362+02 LT  
(RW 5L-23R)  
Structure 400  
Project 4

Structure 400.  
Sod recently installed on shoulder.



Photo 52  
Sta. 353+56 RT  
(RW 5L-23R)  
Structure 20  
Project 4

Structure 20.



Photo 53  
Taxiway "B"  
Project 4

Taxiway "B"  
Shoulders recently stabilized.



Photo 54  
Sta. 347+26 RT  
(RW 5L-23R)  
Structure 22  
Project 4

Structure 22.  
Sediment tubes recently relocated to edge of sod. Recommend stabilizing bare areas.



Photo 55  
Sta. 353+56 RT  
(RW 5L-23R)  
Structure 200  
Project 4

Structure 200.



Photo 56  
Sta. 347+26 RT  
(RW 5L-23R)  
Structure 202  
Project 4

Structure 202.

Construction activities recently taken place.  
Area appears to be at grade.

Recommend replacing sediment tubes and stabilizing bare areas.



Photo 57  
Sta. 341+86 RT  
(RW 5L-23R)  
Structure 204  
Project 4

Structure 204.



Photo 58  
Sta. 341+86 RT  
(RW 5L-23R)  
Project 4

Construction fallout on Storm Line 2 between structures 204 and 206.  
Recommend coordinating remediation with CHA.



Photo 59  
Sta. 338+02 RT  
(RW 5L-23R)  
Structure 206  
Project 4

Structure 206.



Photo 60  
(RW 5L-23R)  
Project 4

Construction fallout on Storm Line 2 between structures 206 and 208.  
Recommend coordinating remediation with CHA.



Photo 61  
Sta. 338+02 RT  
(RW 5L-23R)  
Structure 208  
Project 4

Structure 208.



Photo 62  
Sta. 329+86 RT  
(RW 5L-23R)  
Structure 210  
Project 3

Structure 210.  
Recommend stabilizing bare areas above sediment tubes.



Photo 63  
Sta. 321+73 RT  
(RW 5L-23R)  
Structure 212  
Project 3

Structure 212.  
Sediment removed from top of structure.  
Erosion blanket recently installed.



Photo 64  
Sta. 314+32 RT  
(RW 5L-23R)  
Structure 214  
Project 3

Structure 214.



Photo 65  
Sta. 307+99 RT  
(RW 5L-23R)  
Structure 216  
Project 3

Structure 216.



Photo 66  
Sta. 301+87 RT  
(RW 5L-23R)  
Structure 218  
Project 3

Structure 218.  
Erosion control blanket recently added.  
Recommend stabilizing bare areas.  
Recommend removing sediment from top of structure.



Photo 67  
Sta. 296+83 RT  
(RW 5L-23R)  
Structure 220  
Project 2

Structure 220.  
Recommend stabilizing remaining bare areas.



Photo 68  
Sta. 288+26  
(RW 5L-23R)  
Structure 224  
Project 2

Structure 224.



Photo 69  
Sta. 290+26 RT  
(RW 5L-23R)  
Structure 600 Ditch  
Project 2

Structure 600 Ditch.  
Ditch recently regraded and sod applied.  
Recommend stabilizing remaining bare areas.



Photo 70  
Sta. 290+26 RT  
(RW 5L-23R)  
Structure 222  
Project 2

Structure 222.  
Recommend removing inlet protection.  
Recommend stabilizing bare areas.



Photo 71  
Sta. 290+26 RT  
(RW 5L-23R)  
Structure 600 Ditch  
Project 2

Structure 600 ditch.  
Ditch recently regraded and sod applied.  
Recommend stabilizing remaining bare areas.



Photo 72  
Sta. 290+26 RT  
(RW 5L-23R)  
Structure 600 Ditch  
Project 2

Structure 600 ditch.  
Recommend stabilizing bare areas.



Photo 73  
Sta. 284+59  
(RW 5L-23R)  
Structure 600  
Project 3

Structure 600.  
Recommend stabilizing bare areas.



Photo 74  
(RW 5L-23R)  
Project 3

Existing structure at stone stockpile area.



Photo 75  
(RW 5L-23R)  
Project 3

Existing structure.



Photo 76  
(RW 5L-23R)  
Project 3

Above existing structure.



Photo 77  
(RW 5L-23R)  
Project 3

Grading operations recently taken place at existing crushing operations area.  
Recommend adding silt fence on contour and stabilizing bare areas.



Photo 78  
Sta. 39+00 CL  
Proposed Haul Route  
Project 3

Inlet side of 54" haul route crossing culvert.



Photo 79  
Sta. 39+00 CL  
Proposed Haul Route  
Project 3

Outlet side of 54" haul route crossing culvert.



Photo 80  
Sta. 37+25 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.  
Structures undergoing reconstruction into traditional man holes at time of inspection.



Photo 81  
Sta. 32+50 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.  
Structures undergoing reconstruction into traditional man holes at time of inspection.



Photo 82  
Sta. 302+54  
(RW 5L-23R)  
Project 2

Above North Lateral Endwall 100.  
Erosion control blanket and sediment tubes recently added.  
Recommend stabilizing bare areas.



Photo 83  
Sta. 302+54  
(RW 5L-23R)  
Project 2

Soil stockpile area next to haul road at Taxiway B.  
Additional sediment tubes recently installed.  
Recommend stabilizing bare areas.



Photo 84  
Sta. 302+54 to Sta. 313+50  
(RW 5L-23R)  
Project 2

North Lateral Endwall 100.  
Erosion control blanket and sediment tubes recently added.  
Recommend stabilizing bare areas.



Photo 85  
Sta. 300+60  
(RW 5L-23R)  
Project 2

North Lateral Endwall 102.



Photo 86  
Sta. 29+00 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 87  
Sta. 25+50 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 88  
Sta. 297+01  
(RW 5L-23R)  
Project 2

North Lateral Endwall 104.



Photo 89  
Sta. 295+10  
(RW 5L-23R)  
Project 2

North Lateral Endwall 106.



Photo 90  
Sta. 22+00 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 91  
Sta. 292+08  
(RW 5L-23R)  
Project 2

North Lateral Endwall 108.



Photo 92  
Sta. 290+50 LT  
(RW 5L-23R)  
Project 2

North Lateral Endwall 110.



Photo 93  
Sta. 15+50 RT  
Proposed Haul Route  
Project 3

Inlet structures along haul road.



Photo 94  
Sta. 282+45 to 288+26 LT  
(RW 5L-23R)  
Project 2

North Lateral Ditch.



Photo 95  
Sta. 284+00 LT  
(RW 5L-23R)  
Project 2

Existing vault at old Liberty street.  
Construction fallout present. Recommend coordinating with CHA on remediation.



Photo 96  
Sta. 284+00 LT  
(RW 5L-23R)  
Project 2

Previous soil stockpile at old Liberty Street.  
Construction fallout present. Recommend coordinating with CHA on remediation.



Photo 97  
(Repair TWY Lighting)

Fill area adjacent to Liberty Street from Taxiway shoulder removal.



Photo 98  
(Repair TWY Lighting)  
Sheet EC2.1.7

Existing structure at Upper Apron.  
Base stone recently installed. Area appears to be stable.  
Recommend continuing to monitor for possible sediment migration and/or color contrasted water entering apron storm structures.



Photo 99  
(Repair TWY Lighting)  
Sheet EC2.1.6

Existing remaining Taxiway G4 recently demolished.  
Trench drain recently demolished.



Photo 100  
(Repair TWY Lighting)  
Sheet EC2.1.6

Existing structure adjacent to Taxiway G4 being demolished.  
Original inlet protection from Project 2 in place and appears to be properly functioning.



Photo 101  
(Repair TWY Lighting)  
Sheet EC2.1.5

Existing structure at Upper Apron.  
Newly installed underdrain recently backfilled and sediment tubes reinstalled.



Photo 102  
(Repair TWY Lighting)  
Sheet EC2.1.5

Existing structure at Upper Apron.  
Newly installed underdrain recently backfilled.