DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

Job No. 14902

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: RTH STREET TREATMENT PLANT	Date: 9-2-04	Day of Week: THURS
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REMEK	HRS Charged (SITE):
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL):	
Source and Description of Fill Material: NATIVE BACKFILL SOILS	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: CLEAR	APPROXIMATE YARDAGE: Total Required	Placed this Shift	Total To - Date

Test Number	Test Location: PER PLAN	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
77	" "	1236		120.0	11.4	112.9	94	
78	" "	1235		120.0	9.8	111.7	93	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill
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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT	Date: 9-7-04	Day of Week: TUE
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REVLEK	HRS Charged (SITE)
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL)	
Source and Description of Fill Material: ONSITE TRENCH BACKFILL MATERIALS	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: CLEAR	APPROXIMATE YARDAGE: Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
79	PER PLAN	1235		120.0	10.4	109.6	91	
80	" "	1236		120.0	11.5	114.9	95	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR CONTINUED TO BACKFILL THE ELECTRICAL CONDUIT TRENCH. CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

Job No. 14902

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT	Date: 9-10-04	Day of Week: FRI
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REYES	HRS Charged (SITE):
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES		HRS Charged (TRAVEL):
Source and Description of Fill Material: NATIVE TRENCH BACKFILL SOILS	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: CLEAR	APPROXIMATE YARDAGE: Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
81	PER PLAN	1235		120.0	11.4	109.4	91	
82	" "	1235		120.0	12.0	113.0	94	
83	" "	1235		125.0	10.5	116.6	93	
84	" "	1235		125.0	13.6	114.8	92	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR CONTINUED TO BACKFILL THE ELECTRICAL CONDUIT TRENCH. CONTRACTOR CONTINUED TO USE THE SAME HEAVY EQUIPMENT AND THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION AND MOISTURE CONDITIONING OPERATION.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill
☐ Monitoring Footing Excavations

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS	Report Sequence No.
General Location of Fill: CHLORINE INJECTION VAULT	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT	Date: 9-15-04 / Day of Week: WED
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REYES / HRS Charged (SITE):
Contractor's Shift:	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL):
Source and Description of Fill Material: NATIVE SOILS.	Superintendents Acknowledgment of Site Visit and Hours	Assistants / HRS Charged
Weather: OVERCAST	APPROXIMATE YARDAGE: Total Required / Placed this Shift / Total To - Date	

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
	STATION NO.							
85	2+86	1235		125.0	9.9	116.5	93	
86	2+90	1237		125.0	10.3	119.2	95	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED AROUND THE TOP HALF OF THE CHLORIME INJECTION AND METERING VAULT.

CONTRACTOR USED A BACKHOE TO MIX AND PLACE THE BACKFILL MATERIALS IN LIFTS AROUND THE VAULT WALLS IN THIN EVEN LIFTS BY HAND SHOVELS.

CONTRACTOR MOISTEN THE FILL MATERIALS WITH A WATER TRUCK.

CONTRACTOR USED A HAND WACKER TO COMPACT EACH LIFT OF BACKFILL MATERIALS IN-PLACE UNTIL DESIRED GRADE WAS OBTAINED.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES
Source and Description of Fill Material: NATIVE BACKFILL SOILS	Superintendents Acknowledgment of Site Visit and Hours
Weather: CLEAR	

Report Sequence No.

Date: 9-17-04 Day of Week: FRI

D & M Engineer: NICK REILEK HRS Charged (SITE)

HRS Charged (TRAVEL)

Assistants | HRS Charged

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
87	PER PLAN	1233		125.0	10.1	120.2	96	
88	" "	1232		125.0	9.6	116.4	93	
89	" "	1233		125.0	11.3	119.2	95	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR CONTINUED TO BACKFILL THE ELECTRICAL CONDUIT TRENCH.

CONTRACTOR USED A BACKHOE TO PLACE THE TRENCH BACKFILL MATERIAL IN TRENCH LINE AND SPREADING FILL MATERIAL OUT IN THIN EVEN LIFTS, MOISTENING THE TRENCH BACKFILL MATERIAL DURING PLACEMENT.

CONTRACTOR USED HAND WACKERS TO COMPACT THE TRENCH BACKFILL MATERIAL IN PLACE.

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☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

Job No. 14902

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Job Location: SAN BERNARDIND, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLNT
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift:	Contractor's Superintendent or Foreman: JOHN WILES
Source and Description of Fill Material: ON-SITE SOILS	Superintendents Acknowledgment of Site Visit and Hours
Weather: CLEAR	

Report Sequence No.:

Date: 9-20-04 Day of Week: MON

D & M Engineer: NICK REINEK HRS Charged (SITE):

HRS Charged (TRAVEL):

Assistants: HRS Charged:

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
90	PER PLAN	1234		125.0	9.1	120.1	96	
91	" "	1234		125.0	8.6	121.7	97	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR CONTINUED TO BACKFILL THE ELECTRICAL CONDUIT TRENCH.

CONTRACTOR CONTINUED TO USE THE SAME HEAVY EQUIPMENT AND THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION AND MOISTURE CONDITIONING OPERATION.

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☐ Monitoring Fill or Backfill

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT	Date: 9-27-04	Day of Week: MON
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REYLEK	HRS Charged (SITE):
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL)	
Source and Description of Fill Material: NATIVE TRENCH BACKFILL MATERIALS	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: CLEAR			

APPROXIMATE YARDAGE		
Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
92	PER PLAN	1234		125.0	12.6	118.0	94	
93	" "	1234		125.0	11.1	115.3	92	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR CONTINUING TO BACKFILL THE ELECTRICAL CONDUIT TRENCH.

CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: LIGHTING CONTROL SLAB	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT	Date: 10-1-04	Day of Week: FRI
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NEKREKEK	HRS Charged (SITE):
Contractor's Shift:	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL):	
Source and Description of Fill Material: ONSITE SOILS.	Superintendents Acknowledgment of Site Visit and Hours	Assistants:	HRS Charged:
Weather: CLEAR	APPROXIMATE YARDAGE: Total Required / Placed this Shift / Total To - Date		

Test Number	Test Location: PER PLAN	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
94	" "	1236		120.0	9.2	110.6	92	
95	" "	1237		120.0	10.7	111.7	93	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR CONTINUED TO BACKFILL THE ELECTRICAL CONDUIT TRENCH AND THE FOUNDATION SLAB FOR THE POWER SUPPLY FOR THE SITE LIGHTING CONTROL PANEL STATION.

CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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☐ Monitoring Fill or Backfill

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Report Sequence No.

Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS
General Location of Fill: LIGHT POLE FOUNDATION	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift:	Contractor's Superintendent or Foreman: JOHN WILES

Date: 10-4-04 | Day of Week: MON

D & M Engineer: NIKREILEK | HRS Charged (SITE):

HRS Charged (TRAVEL):

Assistants: | HRS Charged:

Source and Description of Fill Material: ONSITE SOILS

Superintendents Acknowledgment of Site Visit and Hours:

Weather: CLEAR

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
96	PER PLAN	1236		120.0	8.7	109.2	91	
97	" "	1235		120.0	10.8	112.9	94	
98	" "	1236		120.0	9.2	110.4	92	
99	" "	1236		120.0	9.9	111.9	93	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED AROUND THE FILTER VESSEL LIGHTING POLE FOUNDATIONS. CONTRACTOR USING A HAND WACKER TO COMPACT THE FILL MATERIAL IN PLACE.

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Report Sequence No.

Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS
General Location of Fill: EDISON TRENCH	Purpose of Fill or Nature of Structure to be Supported: ENCANTO PARK BOOSTER PUMP STATION
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES

Date: 10-13-04 Day of Week: WED

D & M Engineer: NICK REYLEK HRS Charged (SITE)

HRS Charged (TRAVEL)

Assistants | HRS Charged

Source and Description of Fill Material: CMB IMPORTED BACKFILL

Superintendents Acknowledgment of Site Visit and Hours

Weather: CLEAR

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
100	PER PLAN	1122		133.0	10.1	129.1	97	
101	" "	1121		133.0	11.4	127.9	96	
102	" "	1120		133.0	9.3	126.7	95	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED THE EDISON POWER CONDUIT TRENCH.

CONTRACTOR USING A BACKHOE TO PLACE AND SPREAD THE TRENCH BACKFILL MATERIAL.

CONTRACTOR USING A WATER TRUCK TO MOISTURE CONDITION THE CMB FILL MATERIAL.

CONTRACTOR USED BOTH A HYDRO HAMMER AND HAND WACKERS TO COMPACT THE TRENCH BACKFILL MATERIALS.

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Report Sequence No.

Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS
General Location of Fill: 2" PVC CHLORIME LINE	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES

Date: 10-18-04 Day of Week: MON

D & M Engineer: NICK REYEK HRS Charged (SITE):

HRS Charged (TRAVEL):

Assistants: HRS Charged:

Source and Description of Fill Material: ONSITE BACKFILL SOILS.

Superintendents Acknowledgment of Site Visit and Hours:

Weather: OVERCAST

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

EFFLUENT DIP STATIONING.

Test Number	Test Location STATION NO.	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
103	3+25	1234		125.0	8.6	116.4	93	
104	4+00	1233		125.0	9.2	114.2	91	
105	4+44	1232		125.0	10.8	114.7	92	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILL THE 2" PVC CHLORIME PIPELINE TRENCH USING HAND WACKER FOR COMPACTION ON THE BACKFILL MATERIAL PLACED IN TRENCH LINE.

CONTRACTOR USING A 3/4" WATER HOSE TO MOISTEN THE ONSITE FILL MATERIAL.

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Report Sequence No.

Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS
General Location of Fill: METERING + SAMPLE VAULT.	Purpose of Fill or Nature of Structure to be Supported: ENCINITO PARK BOOSTER PUMP STATION
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES

Date: 10-25-04 Day of Week: MON

D & M Engineer: NICK REVEK HRS Charged (SITE)

HRS Charged (TRAVEL)

Assistants | HRS Charged

Source and Description of Fill Material: CMB

Superintendents Acknowledgment of Site Visit and Hours

Weather: OVERCAST

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
106	PER PLAN	1120		133.0	9.8	126.4	95	
107	" "	1121		133.0	8.5	128.2	96	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED AROUND THE OUTSIDE CONCRETE WALLS OF THE METERING AND SAMPLE VAULT.

CONTRACTOR PLACED THE BACKFILL MATERIAL AROUND THE CONCRETE IN LIFTS AND COMPACTED EACH LIFT WITH A HAND WACKER.

CONTRACTOR USED A WATER TRUCK TO MOISTURE CONDITION THE FILL MATERIALS USED.

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CAZMHILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: ENCANTO PARK BOOSTER PUMP STATION	Date: 10-28-04	Day of Week: THURS
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REYLEK	HRS Charged (SITE):
Contractor's Shift:	Contractor's Superintendent or Foreman: JOHN WILES		HRS Charged (TRAVEL):
Source and Description of Fill Material: CMB	Superintendents Acknowledgment of Site Visit and Hours	Assistants:	HRS Charged:
Weather: OVERCAST			

APPROXIMATE YARDAGE		
Total Required	Placed this Shift	Total To - Date

Test Number	Test Location: PER PLAN.	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
108	" "	1121		133.0	10.6	126.7	95	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED THE ELECTRICAL CONDUIT TRENCH.

CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: PIPE SUPPORT FOOTING	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT	Date: 11-3-04	Day of Week: W/ED
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NIKKEI EK	HRS Charged (SITE)
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES		HRS Charged (TRAVEL)
Source and Description of Fill Material: CLASS II IMPORTED BASE MATERIAL	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: CLEAR	APPROXIMATE YARDAGE: Total Required / Placed this Shift / Total To - Date		

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
109	PER PLAN	1235		137.0	6.2	130.2	95	
110	" "	1235		137.0	7.1	133.1	97	
111	" "	1235		137.0	6.6	131.9	96	
112	" "	1235		137.0	5.8	134.1	98	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR MOISTEN THE BASE MATERIAL WITH A WATER TRUCK BEFORE COMPACTING THE BASE MATERIAL SUBGRADE IN-PLACE WITH A HAND WACKER FOR THE SPENT BACKWASH PIPE SUPPORT FOUNDATIONS.

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Report Sequence No.

Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS
General Location of Fill: PICNIC ENCLOSURE SLAB	Purpose of Fill or Nature of Structure to be Supported: ENCANTO PARK BOOSTER PUMP STATION
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES

Date: 11-10-04 Day of Week: WED

D & M Engineer: NICK REREK HRS Charged (SITE)

HRS Charged (TRAVEL)

Assistants | HRS Charged

Source and Description of Fill Material: NATIVE SOILS

IMPORTED CMB MATERIAL

Superintendents Acknowledgment of Site Visit and Hours

Weather: CLEAR

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
113	PER PLAN	1124		124.0	13.6	115.8	93	
114	" "	1124		124.0	12.9	117.0	94	
115	" "	1125		133.0	8.7	127.8	96	
116	" "	1125		133.0	9.1	129.2	97	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR USED BACKHOE TO REMOVE THE OLD EXISTING CONCRETE SLAB AND TO CUT THE NEW SUBGRADE ON THE ENCANTO PARK PICNIC ENCLOSURE SLAB AREA FOR THE GRANULAR FILL SUBGRADE.

CONTRACTOR USED BOTH HAND WACKERS AND A VIBROTARY STEEL DRUM ROLLER TO COMPACT THE SUBGRADE SOILS AND FILL MATERIALS FOR THE NEW CONCRETE SLAB.

CONTRACTOR USED A WATER TRUCK TO MOISTEN THE SUBGRADE AND FILL MATERIALS IN THE PICNIC ENCLOSURE GRADING AREA.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

Job No. 14902

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: DRIVEWAY AREA	Purpose of Fill or Nature of Structure to be Supported: ENCANTO PARK BOOSTER PUMP STATION	Date: 11-11-04	Day of Week: THURS
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REYLEK	HRS Charged (SITE):
Contractor's Shift:	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL):	

Source and Description of Fill Material: NATIVE SOILS / CMB	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: OVERCAST			

APPROXIMATE YARDAGE		
Total Required	Placed this Shift	Total To - Date

Test Number	Test Location (PER PLAN)	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
117	" "	1121		124.0	14.4	119.4	96	
118	" "	1121		124.0	12.9	117.9	95	
119	" "	1121		124.0	13.8	121.6	98	
120	" "	1122		133.0	8.5	126.2	95	
121	" "	1122		133.0	9.7	129.5	97	
122	" "	1122		133.0	10.3	126.8	95	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR USED HAND WACKERS, VIBRO PLATE AND VIBRATORY STEEL DRUM ROLLER TO COMPACT THE SUBGRADE SOILS AND BASE MATERIAL IN DRIVEWAY AREA AROUND THE BOOSTER PUMP STATION.

CONTRACTOR USED A WATER TRUCK TO MOISTEN SUBGRADE SOILS AND CMB MATERIAL DURING THE FINE GRADING OPERATION.

CONTRACTOR USED A BACKHOE AND HAND SHOVELS TO FINE GRADE THE DRIVEWAY AREAS.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

Job No. 14902

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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL, SBMWD, URS	Report Sequence No.	
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 8TH STREET TREATMENT PLANT	Date: 12-7-04	Day of Week: TUE
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS	D & M Engineer: NICK REYLEK	HRS Charged (SITE)
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL)	
Source and Description of Fill Material: ONSITE SOILS	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: OVERCAST	APPROXIMATE YARDAGE: Total Required / Placed this Shift / Total To - Date		

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
123	PER PLAN	1235		120.0	11.6	112.9	94	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED THE ELECTRICAL CONDUIT TRENCH FOR LANDSCAPE CONTROLS. CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

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Report Sequence No.

Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES

Date: 12-8-04 | Day of Week: WED

D & M Engineer: NICK REPEK | HRS Charged (SITE)

HRS Charged (TRAVEL)

Assistants | HRS Charged

Source and Description of Fill Material: NATIVE SOILS

Superintendents Acknowledgment of Site Visit and Hours

Weather: OVERCAST

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location: PER PLAN	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
124	" "	1236		120.0	10.3	110.5	92	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED THE ELECTRICAL CONDUIT TRENCH FOR THE WROUGHT IRON GATES AT HIGHLAND AVENUE ENTRANCE. CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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DAILY FIELD REPORT

☐ Monitoring Fill or Backfill

☐ Monitoring Footing Excavations

Job No. 14902

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Report Sequence No.

Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2MHILL, SBMWD, URS
General Location of Fill: ELECTRICAL TRENCH	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: EL-CO CONTRACTORS
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES

Date: 12-9-04 | Day of Week: THUR

D & M Engineer: NICK REMLEK | HRS Charged (SITE)

HRS Charged (TRAVEL)

Assistants | HRS Charged

Source and Description of Fill Material: NATIVE FILL SOILS

Superintendents Acknowledgment of Site Visit and Hours

Weather: CLEAR

APPROXIMATE YARDAGE

Total Required	Placed this Shift	Total To - Date

Test Number	Test Location: PER PLAN	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
125	" "	1236		120.0	11.3	109.4	91	
126	" "	1236		120.0	12.2	111.9	93	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR BACKFILLED THE ELECTRICAL CONDUIT PULL BOXES. CONTRACTOR CONTINUED TO USE THE SAME METHOD OF TRENCH BACKFILL MATERIAL PLACEMENT AND COMPACTION OPERATION.

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DAILY FIELD REPORT

☒ Monitoring Fill or Backfill
☐ Monitoring Footing Excavations

Job No. 14902
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Job Location: SAN BERNARDINO, CA	Client or Owner: EPA, CH2M HILL SBMWD, URS	Report Sequence No.	
General Location of Fill: DRIVEWAY SUBGRADE	Purpose of Fill or Nature of Structure to be Supported: 19TH STREET TREATMENT PLANT	Date: 12-13-04	Day of Week: MON
General Contractor: EL-CO CONTRACTORS	Grading or Earthwork Contractor: AAA PAVING, CO.	D & M Engineer: NICK REYLEK	HRS Charged (SITE)
Contractor's Shift	Contractor's Superintendent or Foreman: JOHN WILES	HRS Charged (TRAVEL)	
Source and Description of Fill Material: ON SITE SOILS.	Superintendents Acknowledgment of Site Visit and Hours	Assistants	HRS Charged
Weather: CLEAR	APPROXIMATE YARDAGE: Total Required / Placed this Shift / Total To - Date		

Test Number	Test Location	Elevation	Required % of Maximum Dry Density	Maximum Dry Density lbs/cu. ft.	Fill Moisture %	Test Dry Density lbs/cu. ft.	% of Maximum Dry Density	Remarks
127	PER PLAN	1240		120.0	10.3	117.8	98	
128	" "	1239		120.0	12.6	114.1	95	
129	" "	1237		120.0	11.7	116.7	97	
130	" "	1235		120.0	10.8	114.4	95	
131	" "	1235		120.0	11.4	114.9	96	
132	" "	1235		120.0	12.2	117.6	98	
133	" "	1236		120.0	9.8	116.5	97	
134	" "	1236		120.0	10.1	117.3	98	
135	" "	1236		120.0	9.3	117.6	98	

SUPPLEMENTARY REPORT (Describe equipment used for hauling, spreading, watering, conditioning and compacting, also report thickness of lifts, and number of roller trips.)

CONTRACTOR USING A MOTOR GRADER TO FINE GRADE THE DRIVEWAY SUBGRADE. CONTRACTOR USED A SCRAPER TO CUT AND PICK UP CUT SOILS FROM FINE GRADING OPERATION. CONTRACTOR USED A WATER TRUCK TO MOISTURE CONDITION THE DRIVEWAY SUBGRADE SOILS DURING THE FINE GRADING OPERATION AND THE COMPACTION OPERATION. CONTRACTOR USED STEEL DRUM VIBRATORY ROLLERS TO COMPACT THE DRIVEWAY SUBGRADE SOILS IN-PLACE. CONTRACTOR THEN STARTED THE PLACEMENT OF IMPORTED BASE MATERIAL ON-SITE.

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