

MERCURY SOURCE TCRA AT PARCEL B
HUNTERS POINT SHIPYARD
SAN FRANCISCO, CALIFORNIA
CONTRACT NO.: N68711-04-D-1107
DELIVERY ORDER NO. 0009



Photo taken at 1129 hrs by Robert Castaneda. North view photo at Area 2 location showing the depth of groundwater. Approximately 6 ft bgs



Photo taken at 1255 hrs by Robert Castaneda. North view photo at Area 2 location showing the project manager re-marking the excavation perimeters with the GPS.

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Photo taken at 1405 hrs by Robert Castaneda. West view photo showing the west stockpile and visqueen cover efforts



Photo taken at 1405 hrs by Robert Castaneda. A northwest view photo showing some of the equipment staging just before leaving the site for the week end.

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Photo taken at 1406 hrs by Robert Castaneda. Northeast view photo showing the concrete structure crossing the excavation. This photo also shows the re-established excavation perimeter.



Photo taken at 1406 hrs by Robert Castaneda. North view photo showing the concrete structure from another angle

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Photo taken at 0812 hrs by Robert Castaneda. Northwest view photo the Area 2 excavation and the uncovering of an additional concrete structure.



Photo taken at 0822 hrs by Robert Castaneda. Northwest view photo showing depth of excavation. Measuring from the top of the handle to the opposite end of the excavation shows that the total depth is more that 13' bgs

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Photo at 0837 hrs by Robert Castaneda. A west view photo showing an IECCI worker uncovering the stockpile the northwest end of the work site in preparation of receiving additional soils from the area 2 excavation.



Photo at 1033 hrs by Robert Castaneda. A northwest view photo showing the concrete structure collapsing under its own pressure. The concrete will be removed, stockpiled, off hauled and recycled.

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Photo taken at 1033 hrs by Robert Castaneda. Another view of the above mentioned concrete structure.



Photo taken at 1033 hrs by Robert Castaneda. This northwest photo shows another concrete structure uncovered today.

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Photo taken at 1426 hrs by Robert Castaneda. South east view photo showing Area 2 excavation after concrete structure has been removed.



Photo taken at 1426 hrs by Robert Castaneda. North east view photo showing stockpiles of rock removed from the Area 2 excavation.

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Photo taken at 1426hrs by Robert Castaneda. North view photo showing metal debris bin, metal piping and concrete debris stockpile at the north central area of the work site.



Photo taken at 1428 hrs by Robert Castaneda. West view photo showing stockpile at the northwest end of the site.

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Photo taken at 1527 hrs by Robert Castaneda. North view photo at Area 2 location showing excavator with soils in bucket on standby for sampling.



Photo taken at 1539 hrs by Michael Bosch. North view photo at Area 1 location showing the excavator loading the clean soil onto the dump truck

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Photo taken at 1555 hrs by Robert Castaneda. West view photo showing the excavator preparing to load the dump truck with soils from the west end of Area 2



Photo taken at 1600 hrs by Robert Castaneda. A northeast view photo showing the west end of the stockpile.

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Photo taken at 1406 hrs by Robert Castaneda. Northeast view photo showing the concrete structure crossing the excavation. This photo also shows the re-established excavation perimeter outline.



Photo taken at 1406 hrs by Robert Castaneda. North view photo showing the concrete structure from another angle

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Photo taken at 1033 hrs by Robert Castaneda. Another view of the above mentioned concrete structure.



Photo taken at 1033 hrs by Robert Castaneda. This northwest photo shows another concrete structure uncovered on this date.

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Photo taken at 1426 hrs by Robert Castaneda. Southeast view photo showing Area 2 excavation after concrete structure has been removed.



Photo taken at 1426 hrs by Robert Castaneda. Northeast view photo showing stockpiles of rock removed from the Area 2 excavation.

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Photo taken at 1113 hrs by Michael Bosch. West view photo showing stockpile at the northwest end of the site. Dennis Jones is shown on top of the Area 2 stockpile collecting composite soil samples.



Photo taken at 1216 hrs by Robert Castaneda. North view photo showing cement truck delivering the control density fill (CDF) into the hopper of the cement pump truck.

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Photo taken at 1223 hrs by Robert Castaneda. East view photo showing “long stick” excavator raking and mixing the control density fill within the Area 2 excavation while the pump truck is depositing more control density fill.



Photo taken at 1604 hrs by Robert Castaneda. East view photo showing “long stick” excavator raking and mixing the control density fill within the Area 2 excavation.

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Photo taken at 1005 hrs by Robert Castaneda. North view photo showing two cement trucks preparing to delivering CDF into the pump truck. Note: the pump truck was capable of receiving up to 16 cement trucks per hour. Bode Concrete was capable of delivering up to 12 cement trucks per hour.



Photo taken at 0733 hrs by Michael Bosch. Northeast view photo showing 1-1/2-inch drain rock stockpiled at the edge of Area 1 excavation. Note the condition of the CDF within the excavation.

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Photo taken at 0740 hrs by Robert Castaneda. Northwest view photo showing the 1-1/2-inch drain rock stockpiled at the edge of Area 1 excavation being pushed into the excavation by the loader/operator.



Photo taken at 0725 hrs by Robert Castaneda. East view photo showing the Areas 2 and 3 at the completion of CDF delivery.

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Photo taken at 1333 hrs by Robert Castaneda. East view photo showing the excavator onto of the Area E Hunters Point clean stockpile and loading one of the Super Dump trucks.



Photo taken at 1451 hrs by Robert Castaneda. North view photo showing the loader backfilling Area 1 excavation with soils from the Area 1 "clean" stockpile behind the loader. Note the worker on the ground with a water hose. He is wetting the soils to control dust and aid in the compaction of the soils.

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Photo taken at 832 hrs by Robert Castaneda. North view photo at Area 1 location showing area just prior to final grading.



Photo taken at 1000 hrs by Robert Castaneda. North view photo at Area 1 location showing final grade of excavated area.

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Photo taken at 1043 hrs by Robert Castaneda. North view photo showing the excavator preparing the swale areas.



Photo taken at 1050 hrs by Robert Castaneda. Another north view photo showing swale preparation from a different location.

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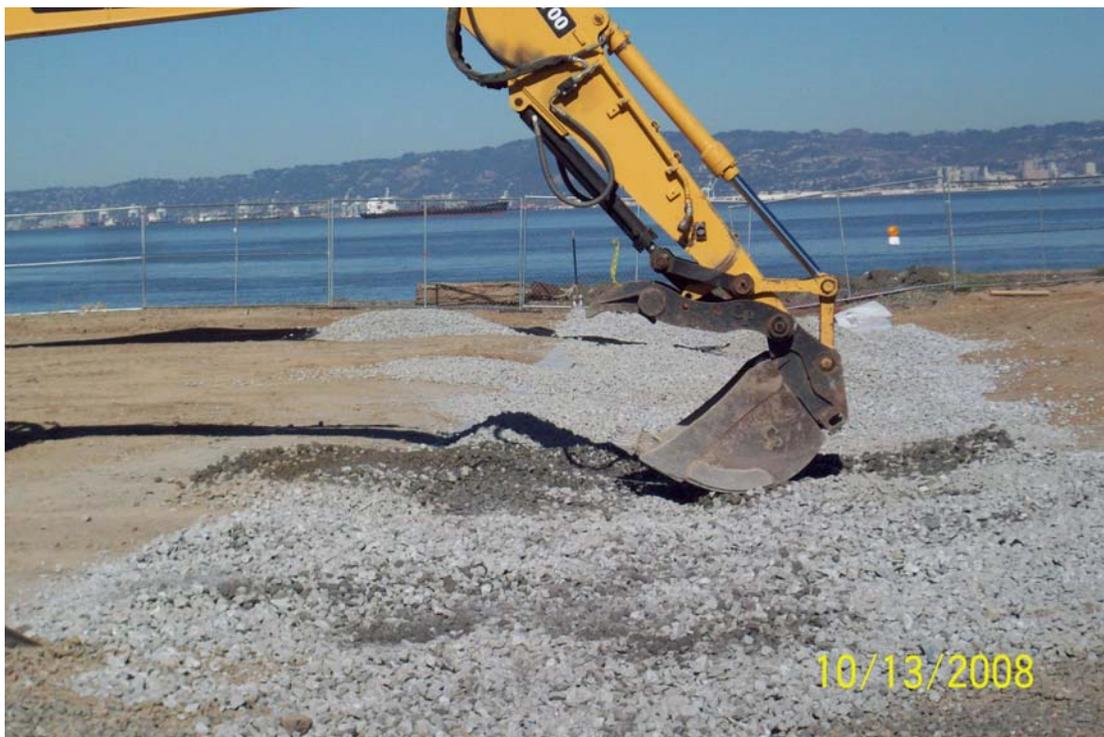


Photo taken at 1450 hrs by Robert Castaneda. North view photo showing swale after placing the 1 1/2" drain rock.



Photo taken at 1456 hrs by Robert Castaneda. Photo showing underlayment of swale area prior to placing drain rock.

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Photo taken at 1542 hrs by Robert Castaneda. West view photo of stockpile area #2 while placing sealant material to control dust.



Photo taken at 1038 hrs by Robert Castaneda. Northwest view photo showing final swale placement and final grade of site.