

WEST BASIN RECYCLING PROJECTS
TESTAMERICA 2009-10
ISSUES & ACTIONS

CONTRACT W2082

INITIAL COMMUNICATION DATE & PARTY	ISSUE	DESCRIPTION	WO'S/SAMPLE DATES/ANALYSES IMPACTED	NOTES	ACTIONS TAKEN/RESOLUTION	ISSUE RESOLVED/COMPLETED
10/15/2009 (WB)	ANALYTICAL	PESTICIDE METHOD BLANK CONTAMINATION AND UNCONFIRMED SAMPLE DETECTIONS	ISH1591 & ISH1808 SAMPLED 8/20 & 8/25	QA INVESTIGATION FOUND THAT SAMPLE DETECTIONS NOT CONFIRMED ON 2ND COLUMN	REPORT REVISED TO REFLECT NON-DETECT ON NON-CONFIRMED SAMPLES	2/4/2010
1/28/2010 (TESTAM)	ANALYTICAL	BOD SAMPLE VOLUME/ DILUTION/DEPLETION ISSUES OF HYPERION INFLUENT SPECIAL SAMPLES	1/20-1/29/10 BOD SAMPLES	DILUTION ISSUE ON 1ST DAY OF SAMPLING; VARIABLE HYPERION WQ FROM THEIR DIFFERENT MODULES & RAIN EVENTS FACTORS IN DETERMINING DILUTION RANGE	UW/TESTAM FREQUENT COMMUNICATIONS	1/29 (AT END OF SAMPLING)
11/4/2010 (WBWQL)	BOTTLE DELIVERY	SAMPLE BOTTLES ARRIVED DAYS LATE TO WBWQL; SAMPLING POSTPONED; COURIER DELAYS	NOVEMBER QUARTERLY SAMPLING	UW/TESTAMERICA COMMUNICATIONS COMPLICATED BY VACATIONS; SUBSTITUTE PM NOT NOTIFIED OF PM VACATION	BOTTLE SHORTAGE COMPENSATED BY WBWQL; WELL SAMPLING SCHEDULE ADJUSTED	11/10/2009
7/31/2009 (WB)	REPORTING	MISSING SOC/PEST PARAMETERS (505 VS 508 LISTS, PARTIAL 525.2 LIST)	ALL WO'S JUL-DEC 2009	WB REQUESTED FULL LIST ORGANICS TO AARON HARRIS VIA EMAIL (7/31/09); COMPLIANCE REPORTING INCOMPLETE FOR JUL-SEP & OCT-DEC; NO REVISED REPORTS AS OF 1/21/10; TESTAM 2/4 REPOST BOUNCED BACK DUE TO FILE SIZE; RCVD REVISED RPTS ~2/17.	PESTICIDES BY EPA 508 TO BE SUBCONTRACTED TO TESTAM SAVANNAH LAB AS OF 2/2010; FULL LIST 508 AND 525 TO BE REPORTED IN ORDER TO COVER ALL PESTICIDES/SOCS	2/17/2010
11/6/2010 (WB)	REPORTING	RLS < CRDLS FOR CHLOROFORM, DIBROMOCHLOROMETHANE, BROMOFORM)	ALL WO'S W/ 524.2	1 PPB THM RL TO REMAIN IN REPORTS; CONSISTENT W/ DBP2 RULE	1 PPB RL INCONSISTENT W/ CADPH CRDL OF 0.5; STORET CODE INDICATES 1 PPB FOR PARAMETERS. 1 PPB THM RL IN DBP2 RULE.	2/17 (CAM PHAM EMAIL)
10/14/2009 (WB)	REPORTING	MBAS REPORTED AT 10X DIL. IS 5-6X HIGHER THAN HISTORIC SAMPLES RUN UNDILUTED	ISH1808, WELL 1318N SAMPLED 8/20/09	SAMPLE RERUN UNDILUTED PAST HOLDING TIME; RESULT 50% OF ORIG. RESULT	REQUESTED RE-RUN PAST HOLDING TIME; QA INVESTIGATE FOUND NO ANOMALIES	11/6/2009
1/5/10 (WB)	REPORTING	ESTIMATED VALUES NOT REPORTED BETWEEN MDL & RL	ISK0865, ISK1046, ISK1227, ISK1358, ISK1511, ISK2038, ISK2165, ISJ0909, ISJ3259, ISK0866	ALL PERMITS REQUIRE THAT ANY ESTIMATED RESULTS BE REPORTED	TESTAM RE-POSTED REPORTS W/ ESTIMATED VALUES	1/7/2010
1/10/2010 (WB)	REPORTING	U REPORTED	ISK1358, WELL 690A SAMPLED 1/11/09	NO OTHER SAMPLES W/ U RESULTS REPORTED FOR JUL-DEC 2009. U, 226/228 RUN IF >ALPHA TRIGGER (TRIGGER = RESULT+0.84*ERROR>5PCI). WHAT'S TESTAMERICA'S PROTOCOL OF RUNNING SUBSEQUENT RADS FOR COMPLIANCE?	WB FURNISHED RADIOLOGICAL RULE FLOWCHART; TESTAM TO HOLD SUBSEQUENT RAD TESTING UNTIL INITIAL SAMPLE RESULTS MEET FLOW CHART CRITERIA	2/5/2010
1/25/2010 (TESTAM)	ANALYSIS	BAD QC ON ANALYSIS	ITA0598 BARRIER PROD. NITROSAMINES SAMPLED 1/7/10	INSTRUMENT PROBLEMS	RESAMPLED 1/26/10	1/26/2010

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2/11/10 (WB)	REPORTING	BARRIER PRODUCT NITROSAMINES AND 1,2,3-TCP ANALYSIS MISSING	ISK0650, BARRIER PRODUCT SAMPLED 11/5/09	TESTAM LOG-IN OVERSIGHT, INCORRECT TEST CODE USED; SAMPLES NOT ANALYZED	CANNOT RESAMPLE	2/5/2010
11/4/09 (TEST AM)	MISSING SAMPLES	BOTTLES NOT RCVD AT TESTAM FOR MANY TESTS (O&G, Br, ClO2 (300.1), 625, 2,3,7,8-TCDD, Diquat, MBAS, Asbestos, Gross Alpha, Beta, Radium 226 and 228, Sr90, Tritium, and Uranium).	ISK1511, WELL 703G SAMPLED 11/12/2009	VACATION/COMMUNICATION/COURIER SCHEDULE ISSUES	WELL RESAMPLED 12/17/09	12/17/2009
11/24/09 (TESTAM)	MISSING SAMPLES	BOTTLE NOT RCVD AT TESTAM	ISK1414, BARRIER PROD OIL & GREASE SAMPLED 11/12/09	BOTTLE LOST IN TRANSIT?	WEEKLY OIL & GREASE SAMPLE (CANNOT RESAMPLE)	11/24/2009
1/26/2010 / WB	SAMPLE ID	SAMPLE ID INDICATES MS/MSD ("1318N MS/MSD")	ISK1511 SAMPLED 11/12/09	ASSUME RESULTS LABELED "1318N MS/MSD" ARE FOR UNSPIKED SAMPLE	CONFIRMED W/ TESTAM	1/26/2010
12/15/2009 (TESTAM)	EXTRACTION	NDMA EXTRACTED FOR WRONG ANALYSIS, NO BACKUP BOTTLE	ISL0584 PLANT INFLUENT SAMPLED 12/3/09		RESAMPLED 12/15/09	12/15/2009
12/29/2009 (TESTAM)	HOLDING TIME	FORMALDEHYDE EXTRACTION MISSED HT	ISL2596, SAMPLED 12/16/2009	MISSED HT, CAN'T RESAMPLE	RUN & REPORT W/ ANNOTATION	12/29/2009
1/3/2010 (WB); RE-REQUESTED 1/12/10	COC	NO P. 5 COC FOR 11/4-5 SAMPLES	ISK0650, ISK0651, ISK083, ISK0864, ISK0865, ISK0866, SAMPLED 11/4-5/09		MISSING PAGE POSTED 1/28/10	1/28/2010
1/28/2010 (WB)	COC	NO P. 1 OF 2-PAGE COC	ISK1046, SAMPLED 11/9/09		MISSING PAGE POSTED 1/28/10	1/28/2010
2/11/2010 (WB)	REPORTING	2 PARAMETERS REQUESTED, NOT INITIALLY REPORTED	ISJ1626 SLUDGE SAMPLED 10/14/09	ALL REQUESTED PARAMETERS ANALYZED, DIDN'T SHOW UP IN LAB DATA SYSTEM	REPORT REVISED W/ MISSING PARAMETERS	2/11/2010
WEEK OF 2/22/10 (WBWQL)	BOTTLE DELIVERY	SAMPLE BOTTLES FOR WRONG ANALYSIS DELIVERED TO WBWQL	NA		CORRECT BOTTLES DELIVERED 2/26	2/25/2010
2/17/2010 (?)	COC	TESTAM COURIER AND LAB LOGIN STAFF HAVING PROBLEMS TRACKING SAMPLE BOTTLES	NA	WBWQL COUNTS SAMPLE BOTTLES ON A PER LOCATION BASIS; LAB COURIER & LOG IN STAFF COUNTS TOTAL # BOTTLES OVERALL	COC FORMAT CHANGED BY WBWQL TO ASSIST COURIER & LOGIN WITH BOTTLE COUNT	2/18/2010
3/18/2010 (WB)	INVOICING	WORK INVOICED BEFORE WORK COMPLETED; CREDIT PENDING FOR CANCELLED ANALYSIS DUE TO BAD QC	ITA0598 NITROSAMINES SAMPLED		CREDIT MEMO PENDING	
3/30/2010 (TESTAM)	CERTIFICATION / HOLDING TIME	508S SENT TO SAVANNAH LAB NOT CALIF. CERTIFIED FOR PCBs - MISSED HT'S	ITB0590 (2/4 BARRIER PROD & PLANT INFL INCL. IAP SAMPLE); ITB0598 (2/3 T22 PROD); ITB2630 (2/24 WELLS WB1 380 & 490)	DETAILS/CHRONOLOGY FROM TESTAM 4/8/10	RESAMPLING CONDUCTED AT ALL LOCATIONS EXCEPT WELLS - INSUFFICIENT TIME TO SCHEDULE WELL SAMPLING CREW BEFORE END OF QUARTER	

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5/3/2010 (TESTAM)	HOLDING TIME	MISSED EXTRACTION HOLDING TIME FOR SLUDGE PESTICIDES	ITD0999 SLUDGE SAMPLED 4/8/10	TESTAM PORTALND LAB UNAWARE OF CORRECT HOLDING TIME OF 7 DAYS. SAMPLE WAS EXTRACTED BETWEEN 7 AND 14 DAYS	RESAMPLE PENDING	
5/10/10 (WB)	REPORTING	ACROLEIN & ACRYLONITRILE NOT REPORTED FOR EPA 624. FULL LIST 624 REQUESTED ON COC	ITB0602, ITB1914	ACROLEIN & ACRYLONITRILE INCLUDED ON TESTAM'S METHOD 624 PARAMETER LIST, BUT NOT ON WB REPORTS	SAMPLES RAN ON INSTRUMENT NOT CALIBRATED FOR THESE 2 CONSTITUENTS, NO RESULTLS AVAILABLE	TESTMA WILL INCL. ACROLEIN & ACRYLONITRILE ON SUBSEQUENT 624 REQUESTS
5/10/10 (WB)	REPORTING	N-NITROSPYRROLIDINE NOT REPORTED FOR EPA 1625 NITROSAMINES.	ITB0590, ITB2630, ITB2751, ITC0993, ITC1118, ITC1281, ITC1351, SAMPLED FROM 2/4-3/11/10	CONSTITUENT IS ON TESTAM'S METHOD 1625M NITROSAMINES PARAMETER LIST, BUT NOT ON WB REPORTS	SAMPLES RUN ON INSTRUMENT THAT WAS CALIBRATED FOR CONSTITUENT	N- NITROSPYRROLIDINE INCLUDED IN AMENDED REPORTED
5/10/10 (WB)	REPORTING	TENTATIVELY IDENTIFIED COMPOUNDS (TICS) REPORTED BUT NOT REQUESTED ON COC	ITB0590, ITC1281, SAMPLED 2/4 10 & 3/10/10	TICS NOT REQUESTED ON EITHER WORK ORDER COC	NOT INVOICED FOR TICS	
5/10/10 (WB)	ANALYSIS	SAMPLE AND DUPLICATE ANALYZED ON ALL TESTS, BUT SAMPLE & DUPLICATE REQUESTED ONLY FOR NDMA ANALYSIS	ITB2630, ITB2751, ITC1118, SAMPLED FROM 2/4-3/9/10			
6/24/10 (WB)	SAMPLE ID	SAMPLE ID IS " COMPRESSOR OIL" ON COC, BUT WORK ORDER ID IS "WELL WB-1 490 DUP"	ITE2721, SAMPLED 5/28		TESTAM PM CORRECTED ON 6/25	
6/29/10 (WB)	REPORTING, INVOICING	TENTATIVELY IDENTIFIED COMPOUNDS (TICS) REPORTED BUT NOT REQUESTED ON COC	ITE1627 (WELL 703G SAMPLED 5/17/10)			CREDIT PENDING
6/28/10 (WB)	INVOICING	ANOTHER CLIENT'S INVOICE LISTED ON STATEMENT			TESTAMERICA TO REMOVE FROM SUBSEQUENT STATEMENTS	
7/1/10 (WB)	REPORTING, INVOICING	TENTATIVELY IDENTIFIED COMPOUNDS (TICS) REPORTED & INVOICED, BUT NOT REQUESTED ON COC	ITE1931, ITE2432, ITE2565 and ITE2721 (MONITORING WELLS SAMPLED IN MAY 2010)			
7/1/10 (WB)	LATE REPORTING	SAMPLED 5/6, NOT REPORTED AS OF 7/1	ITE0594, ITE0601 (SAMPLED 5/5-6)		CREDIT MEMO PENDING	CREDIT PENDING

WEST BASIN TITLE 22 MONITORING PROGRAM

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TESTAMERICA 2009-10 ISSUES & ACTIONS						
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NOTIF. DATE	ISSUE	DESCRIPTION	WO'S/SAMPLE DATES/ANALYSES IMPACTED	STATUS/NOTES	ACTION	ISSUE RESOLVED/COMPLETED
2/25/2010 (WB)	ANALYSIS	SAMPLE NOT COLLECTED FOR CITY OF TORRANCE ANALYSIS	ITB2436	TESTAM IN CONTACT W/ TORRANCE	SAMPLING POSSIBLY 2/26; OTHERWISE 1ST WEEK IN MARCH	PENDING
		TORRANCE UGMR NDA SAMPLE - INAPPROPRIATE QC RUN?				

CODES:

WBWQL - WEST BASIN WATER QUALITY LAB
 TESTAM - TESTAMERICA
 WB - WEST BASIN
 COC - CHAIN OF CUSTODY
 MDL - METHOD DETECTION LIMIT
 RL - REPORTING LIMIT