

2. AMENDMENT/MODIFICATION NO. 0500
 3. EFFECTIVE DATE See Block 16C
 4. REQUISITION/PURCHASE REQ. NO.
 5. PROJECT NO. (if applicable) 1 19
 6. ISSUED BY CODE 00603
 7. ADMINISTERED BY (if other than Item 6) CODE 00603

Office of River Protection
 U.S. Department of Energy
 Office of River Protection
 P.O. Box 450
 Richland WA 99352

Office of River Protection
 U.S. Department of Energy
 Office of River Protection
 P.O. Box 450
 MS: H6-60
 Richland WA 99352

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
 WASHINGTON RIVER PROTECTION SOLUTIONS LLC
 Attn: Keven Mabe
 Washington River Protection Solutions LLC
 2425 Stevens Center Pl
 Richland WA 99354-1874

9A. AMENDMENT OF SOLICITATION NO.
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO.
 DE-AC27-08RV14800
 10B. DATED (SEE ITEM 13)
 05/29/2008

CODE 806500521 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
 See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
 X A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 52.243-2, Changes - Cost Reimbursement (AUG 1987)
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 The purpose of this modification is to delete work scope from the Tank Operations Contract in the amount of (\$225,348,669), and the fee in the amount of (\$15,301,430) for a total decrease in contract value of (\$240,650,099) as a result of reductions in available contract funding. Table 1 summarizes the Option 2 changes that are detailed in the Option 2 Description of Change.

This modification updates section J to include table 17 on page 13 (attachment 2) to reflect work scope that is anticipated to be performed in FY19. The cost of \$38,713,481 and fee \$2,190,630 for a total of \$40,904,111. Table 2 summarizes the FY19 changes that are detailed in the FY19 Description of Changes on pages 18-19 (attachment 4).

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Katie Downing, Contracts Mgr.
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Wade E. Hader
 15B. CONTRACTOR/OFFEROR [Signature]
 15C. DATE SIGNED 8/7/18
 16B. UNITED STATES OF AMERICA [Signature]
 16C. DATE SIGNED 8 Aug 2018

Continuation of Block 14. Description of Amendment/Modification

1. This modification updates Section B as follows:

The purpose of this modification is to delete work scope from the Tank Operations Contract in the amount of (\$225,348,669), and the fee in the amount of (\$15,301,430) for a total decrease in contract value of (\$240,650,099) as a result of reductions in available contract funding. Table 1 summarizes the Option Period 2 changes that are detailed in the Option Period 2 Description of Change.

1.1 As a result of this modification, the Contract Value is changed from \$6,294,943,293 to \$6,054,293,194. Section B, Table B.4-1, sub-CLIN 1.2.1, sub-CLIN 1.2.2, sub-CLIN 1.3, sub-CLIN 2.1, sub-CLIN 2.2, sub-CLIN 3.1, sub-CLIN 3.2, sub-CLIN 3.3, sub-CLIN 3.4, sub-CLIN 6.1, and Total Contract Price are changed as provided.

2 This modification updates section J as follows:

In addition, an update to Section J Attachment 17 is provided on pages 10-12 to reflect work scope that is anticipated to be performed in FY19. The cost of \$38,713,481 and fee \$2,190,630 for a total of \$40,904,111. Table 2 on page 6 summarizes the FY19 changes that are detailed in the FY19 Description of Changes on pages 19-20.

2.1 As a result of this modification, the J.17 table value is changed from \$121,168 to \$41,025,279.

Table 1 – Option Period 2 Summary

Deferrals								
Deferral	FY2014	FY2015	FY2016	Total Option 1	FY2017	FY2018	Total Option 2	Grand Total
SubCLIN 1.2.1 - Safe, Compliant Operations	-	(747,046.78)	(1,043,538.84)	(1,790,585.62)	(1,784,811.53)	(17,523,080.88)	(19,307,892.41)	(21,098,478.03)
SubCLIN 1.2.2 - Base Operations Indirect Costs (G&A Only)	-	(117,316.88)	(172,258.21)	(289,575.09)	(388,346.03)	(3,699,030.83)	(4,087,376.87)	(4,376,951.96)
SubCLIN 1.3 - Analytical Laboratory Support	-	-	-	-	174,825.78	(565,252.72)	(390,426.94)	(390,426.94)
SubCLIN 2.1 - Single Shell Tank Retrieval	-	-	-	-	(37,442.60)	(1,675,371.03)	(1,712,813.63)	(1,712,813.63)
SubCLIN 2.2 - SST Farm (Waste Management Area) Closure	-	-	-	-	(349,513.35)	(709,643.21)	(1,059,156.56)	(1,059,156.56)
SubCLIN 3.1 - Treatment Planning, WFD and WTP Transition	-	-	-	-	95,536.24	(5,339,928.03)	(5,244,391.79)	(5,244,391.79)
SubCLIN 3.3 - Immobilized High-Level Waste (IHLW) Storage & Shipping Facility Construction	-	-	-	-	145,000.00	(149,235.45)	(4,235.45)	(4,235.45)
SubCLIN 3.4 - Upgrade/Operate Effluent Treatment Facility	-	-	-	-	(848,031.66)	(125,940.63)	(973,972.29)	(973,972.29)
SubCLIN 6.1 - Hanford Employee Retirement & Benefit Plan Management	-	(60,920.71)	(101,795.01)	(162,715.73)	(159,221.40)	(1,393,203.59)	(1,552,424.99)	(1,715,140.71)
Subtotal - Cost	-	(925,284.38)	(1,317,592.06)	(2,242,876.44)	(3,152,004.55)	(31,180,686.37)	(34,332,690.92)	(36,575,567.36)
Fee increase (pool)	-	-	-	-	-	-	(2,075,197.05)	(2,075,197.05)
Total Increase Cost plus Fee - Base Period	-	(925,284.38)	(1,317,592.06)	(2,242,876.44)	(3,152,004.55)	(31,180,686.37)	(36,407,887.97)	(38,650,764.41)

Contract Deletion								
Scope Delete	FY2014	FY2015	FY2016	Total Option 1	FY2017	FY2018	Total Option 2	Grand Total
SubCLIN 1.2.1 - Safe, Compliant Operations	-	(443,006.54)	(10,760,274.87)	(11,203,281.41)	(10,630,340.77)	(38,538,582.28)	(49,168,923.05)	(60,372,204.46)
SubCLIN 1.2.2 - Base Operations Indirect Costs (G&A Only)	(291,102.57)	(766,610.47)	(4,811,926.17)	(5,869,639.21)	(5,597,098.50)	(11,374,349.41)	(16,971,447.91)	(22,841,087.12)
SubCLIN 1.3 - Analytical Laboratory Support	-	-	(1,419,063.66)	(1,419,063.66)	(2,203,025.89)	(618,965.91)	(2,821,991.79)	(4,241,055.45)
SubCLIN 2.1 - Single Shell Tank Retrieval	(1,729,760.05)	(4,558,908.22)	(17,922,167.29)	(24,210,835.56)	(23,956,813.56)	(35,897,697.01)	(59,854,510.57)	(84,065,346.13)
SubCLIN 2.2 - SST Farm (Waste Management Area) Closure	-	-	(1,861,647.68)	(1,861,647.68)	(2,667,323.98)	(855,902.56)	(3,523,226.54)	(5,384,874.22)
SubCLIN 3.1 - Treatment Planning, WFD and WTP Transition	-	-	-	-	-	(1,753,211.22)	(1,753,211.22)	(1,753,211.22)
SubCLIN 3.2 - WTP Operational Readiness	-	-	-	-	(61,871.37)	(81,494.00)	(143,365.37)	(143,365.37)
SubCLIN 3.3 - Immobilized High-Level Waste (IHLW) Storage & Shipping Facility Construction	-	-	-	-	-	(268,949.16)	(268,949.16)	(268,949.16)
SubCLIN 3.4 - Upgrade/Operate Effluent Treatment Facility	-	-	-	-	-	(2,320,911.41)	(2,320,911.41)	(2,320,911.41)
SubCLIN 6.1 - Hanford Employee Retirement & Benefit Plan Management	(256,311.46)	(281,882.92)	(940,754.96)	(1,478,949.33)	(1,673,863.26)	(4,229,284.68)	(5,903,147.94)	(7,382,097.27)
Subtotal - Cost	(2,277,174.08)	(6,050,408.14)	(37,715,834.63)	(46,043,416.86)	(46,790,337.33)	(95,939,347.63)	(142,729,684.96)	(188,773,101.81)
Fee increase (pool)	-	-	-	-	-	-	(13,226,232.88)	(13,226,232.88)
Total Increase Cost plus Fee - Base Period	(2,277,174.08)	(6,050,408.14)	(37,715,834.63)	(46,043,416.86)	(46,790,337.33)	(95,939,347.63)	(155,955,917.84)	(201,999,334.69)

Table 1 (Continued)

Total Increase Cost plus Fee								
Grand Total	FY2014	FY2015	FY2016	Total Option 1	FY2017	FY2018	Total Option 2	Grand Total
SubCLIN 1.2.1 - Safe, Compliant Operations	-	(1,190,053.32)	(11,803,813.71)	(12,993,867.03)	(12,415,152.29)	(56,061,663.17)	(68,476,815.46)	(81,470,682.49)
SubCLIN 1.2.2 - Base Operations Indirect Costs (G&A Only)	(291,102.57)	(883,927.35)	(4,984,184.38)	(6,159,214.30)	(5,985,444.53)	(15,073,380.24)	(21,058,824.78)	(27,218,039.08)
SubCLIN 1.3 - Analytical Laboratory Support	-	-	(1,419,063.66)	(1,419,063.66)	(2,028,200.11)	(1,184,218.63)	(3,212,418.73)	(4,631,482.39)
SubCLIN 2.1 - Single Shell Tank Retrieval	(1,729,760.05)	(4,558,908.22)	(17,922,167.29)	(24,210,835.56)	(23,994,256.16)	(37,573,068.03)	(61,567,324.19)	(85,778,159.76)
SubCLIN 2.2 - SST Farm (Waste Management Area) Closure	-	-	(1,861,647.68)	(1,861,647.68)	(3,016,837.34)	(1,565,545.76)	(4,582,383.10)	(6,444,030.78)
SubCLIN 3.1 - Treatment Planning, WFD and WTP Transition	-	-	-	-	95,536.24	(7,093,139.25)	(6,997,603.01)	(6,997,603.01)
SubCLIN 3.2 - WTP Operational Readiness	-	-	-	-	(61,871.37)	(81,494.00)	(143,365.37)	(143,365.37)
SubCLIN 3.3 - Immobilized High-Level Waste (IHLW) Storage & Shipping Facility Construction	-	-	-	-	145,000.00	(418,184.61)	(273,184.61)	(273,184.61)
SubCLIN 3.4 - Upgrade/Operate Effluent Treatment Facility	-	-	-	-	(848,031.66)	(2,446,852.03)	(3,294,883.69)	(3,294,883.69)
SubCLIN 6.1 - Hanford Employee Retirement & Benefit Plan Management	(256,311.46)	(342,803.63)	(1,042,549.97)	(1,641,665.06)	(1,833,084.66)	(5,622,488.27)	(7,455,572.93)	(9,097,237.99)
Subtotal - Cost	(2,277,174.08)	(6,975,692.52)	(39,033,426.69)	(48,286,293.29)	(49,942,341.88)	(127,120,034.00)	(177,062,375.88)	(225,348,669.17)
Fee increase (pool)	-	-	-	-	-	-	(15,301,429.93)	(15,301,429.93)
Total Increase Cost plus Fee - Base Period	(2,277,174.08)	(6,975,692.52)	(39,033,426.69)	(48,286,293.29)	(49,942,341.88)	(127,120,034.00)	(192,363,805.81)	(240,650,099.10)

Table 2 – FY19 Summary

Deferrals (FY19)

Deferral	FY2019
SubCLIN 1.2.1 - Safe, Compliant Operations	21,980,283.69
SubCLIN 1.2.2 - Base Operations Indirect Costs (G&A Only)	5,067,139.09
SubCLIN 1.3 - Analytical Laboratory Support	397,668.41
SubCLIN 2.1 - Single Shell Tank Retrieval	1,763,089.94
SubCLIN 2.2 - SST Farm (Waste Management Area) Closure	1,101,152.56
SubCLIN 3.1 - Treatment Planning, WFD and WTP Transition	5,373,840.85
SubCLIN 3.4 - Upgrade/Operate Effluent Treatment Facility	1,007,760.66
SubCLIN 6.1 - Hanford Employee Retirement & Benefit Plan Management	2,022,545.75
Subtotal - Cost	38,713,480.96
Fee increase (pool)	2,190,630.07
Total Increase Cost plus Fee - Base Period	40,904,111.03

3. Attached to this modification is the replacement page for Section B, page B-6, on page 10 (attachment 1).
4. Attached to this modification is an update to Contract Section J, Attachment 17, *Post Fiscal Year 2018 Cost & Fee Table*, in its entirety to capture negotiated costs and fee for scopes of work that are anticipated for FY19 on pages 13 (attachment 2).
5. Attached to this modification is the complete Description of Change tables for Option Period 2 on pages 14-18 (attachment 3) and FY19 on pages 19-20 (attachment 4).
6. **FAR 43.204(c)(2) – Contractor’s Statement of Release –**

In consideration of the modification(s) agreed to herein as complete equitable adjustments for the Contractor. This modification deletes certain scope and fee from Section B, Table B.4-1 sub-CLIN 1.2.1, sub-CLIN 1.2.2, sub-CLIN 1.3, sub-CLIN 2.1, sub-CLIN 2.2, sub-CLIN 3.1, sub-CLIN 3.2, sub-CLIN 3.3, sub-CLIN 3.4, sub-CLIN 6.1, which changes the Total Contract Price as shown in the aforementioned tables.

Hereby, the Contractor here by releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances, except in regards to the FY19 work scope that was deferred and is captured in the included J.17 Table on page 13 (attachment 2).
7. All other Terms and Conditions remain unchanged.

FROM:

Table B.4-1 Contract Cost and Contract Fee

CLIN	Sub-CLIN	Auth	Transition	Base Period					Option Period 1			Option Period 2			Contract Totals		
			FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals	FY 2014	FY 2015	FY 2016	Totals	FY 2017	FY 2018	Totals	Totals
CLIN 1 Base Operations	1.1 ¹	A	5,494,000	0	0	0	0	0	0	0	0	0	0	0	0	5,494,000	
	1.2.1	A	0	108,317,537	130,557,912	139,669,524	138,592,209	176,874,583	694,011,765	215,393,005	263,916,621	267,065,999	746,375,625	312,328,916	351,686,669	664,015,585	2,104,402,975
	1.2.2	A	0	29,509,468	33,281,799	30,647,681	44,176,825	44,686,448	182,302,220	50,067,447	64,548,833	74,406,531	189,022,810	88,837,962	83,630,472	172,468,434	543,793,465
	1.3	A	0	18,551,276	19,732,180	22,296,216	23,131,428	23,312,148	107,023,247	31,337,058	28,332,863	38,336,520	98,006,442	35,667,132	38,314,396	73,981,527	279,011,216
CLIN 2 SST Retrv. & Closure	2.1	A	0	57,403,068	72,752,511	75,625,974	84,296,755	94,643,864	384,722,172	57,660,167	85,223,580	75,318,771	218,202,518	135,775,269	106,716,346	242,491,615	845,416,305
	2.2	A	0	1,385,657	2,367,273	3,266,018	381,496	512,554	7,912,998	2,599,094	5,833,999	6,809,247	15,242,341	11,620,226	5,021,213	16,641,438	39,796,777
CLIN 3 WTP Support	3.1	A	0	7,973,682	17,498,036	20,512,679	36,090,531	27,944,842	110,019,770	31,749,229	20,891,238	28,897,200	81,537,667	39,031,966	40,102,027	79,133,993	270,691,429
	3.2	A	0	926,406	3,845,905	2,538,026	3,272,674	2,588,147	13,171,157	10,476,468	8,599,876	7,592,900	26,669,244	4,907,209	7,885,158	12,792,366	52,632,767
	3.3	A	0	829,600	3,462,842	2,535,361	3,317,522	309,605	10,454,929	3,620,997	3,802,246	3,160,391	10,583,634	5,382,186	6,663,654	12,045,840	33,084,403
	3.4	A	0	158,274	544,884	1,787,451	4,212,966	39,542	6,743,117	3,410,480	8,409,962	23,842,851	35,663,293	17,043,054	18,574,334	35,617,388	78,023,798
CLIN 4 Supplemental Treatment	4.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4.3	A	0	0	2,798,664	8,547,404	976,925	4,795,858	17,118,850	5,053,483	6,051,885	9,996,859	21,102,227	0	0	0	38,221,077
	4.4	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4.5		0	2,412	0	0	110,034	375,222	487,668	702,630	0	0	702,630	0	0	0	1,190,298
CLIN 5 Early Feed & Operation of the WTP LAW	5.1		0	0	0	0	0	0	0	3,680,340	23,564,930	27,530,451	54,775,721	44,689,876	4,741,662	49,431,538	104,207,259
	5.2		0	0	0	0	0	0	0	0	0	63,708	63,708	0	0	63,708	
	5.3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5.4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLIN 6 Pension & Welfare Plans	6.1	A	0	14,203,459	19,021,014	16,942,123	23,321,065	26,803,599	100,291,259	33,352,743	38,351,442	40,534,363	112,238,547	42,003,560	40,539,377	82,542,928	295,072,734
	6.2	A	0	71,526,845	146,785,096	90,633,410	79,044,602	122,161,289	510,151,241	123,154,662	118,009,763	113,994,558	355,158,983	54,236,000	53,847,000	108,083,000	973,393,224
Base Contract Sub-Totals	Contract Cost		5,494,000	310,787,683	452,648,115	415,001,865	440,925,030	525,047,701	2,144,410,395	572,257,802	675,537,238	717,550,349	1,965,345,389	791,523,344	757,722,308	1,549,245,652	5,664,495,436
	Available Fee ¹		0	14,902,548	21,704,882	19,899,711	21,142,750	24,524,804	102,174,694	25,073,192	30,000,000	TBD	100,963,819	TBD	TBD	103,446,997	306,585,510
	Contract Price		5,494,000	325,690,231	474,352,998	434,901,576	462,067,780	549,572,505	2,246,585,089	597,330,994	705,537,238	TBD	2,066,309,208	TBD	TBD	1,652,692,649	5,971,080,946
CLIN 7 American Recovery and Reinvestment Act (ARRA)	7.1	A	0	18,542,771	82,696,778	87,820,906	0	0	189,060,455	0	0	0	0	0	0	0	189,060,455
	7.2	A	0	2,444,642	15,043,442	17,382,721	0	0	34,870,804	0	0	0	0	0	0	0	34,870,804
	7.3	A	0	3,599,231	20,087,000	26,950,992	0	0	50,637,222	0	0	0	0	0	0	0	50,637,222
	7.4	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7.5	A	0	820,051	2,960,284	4,272,691	0	0	8,053,026	0	0	0	0	0	0	0	8,053,026
	7.6	A	0	0	8,620,572	10,278,267	0	0	18,898,839	0	0	0	0	0	0	0	18,898,839
CLIN 8 Contract Closeout	8.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARRA & Contract Closeout Sub-Totals	Contract Cost		0	25,406,695	129,408,075	146,705,577	0	0	301,520,347	0	0	0	0	0	0	0	301,520,347
	Available Fee		0	2,853,000	11,180,000	8,309,000	0	0	22,342,000	0	0	0	0	0	0	0	22,342,000
	Contract Price		0	28,259,695	140,588,075	155,014,577	0	0	323,862,347	0	0	0	0	0	0	0	323,862,347
Contract Totals	Contract Cost		5,494,000	336,194,379	582,056,190	561,707,442	440,925,030	525,047,701	2,445,930,742	572,257,802	675,537,238	717,550,349	1,965,345,389	791,523,344	757,722,308	1,549,245,652	5,966,015,783
	Available Fee ¹		0	17,755,548	32,884,882	28,208,711	21,142,750	24,524,804	124,516,694	25,073,192	30,000,000	TBD	100,963,819	TBD	TBD	103,446,997	328,927,510
	Contract Price		5,494,000	353,949,926	614,941,072	589,916,153	462,067,780	549,572,505	2,570,447,436	597,330,994	705,537,238	TBD	2,066,309,208	TBD	TBD	1,652,692,649	6,294,943,293

BY:

Table B.4-1 Contract Cost and Contract Fee

CLIN	Sub-CLIN	Auth	Transition	Base Period						Option Period 1				Option Period 2			Contract Totals	
			FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals	FY 2014	FY 2015	FY 2016	Totals	FY 2017	FY 2018	Totals	Totals	
CLIN 1 Base Operations	1.1 ¹	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1.2.1	A	0	0	0	0	0	0	0	0	-1,266,808	-13,823,566	-15,090,373	-14,241,364	-63,762,670	-78,004,034	-93,094,407	
	1.2.2	A	0	0	0	0	0	0	0	0	-117,317	-172,258	-289,575	-388,346	-3,699,031	-4,087,377	-4,376,952	
	1.3	A	0	0	0	0	0	0	0	0	-1,694,508	-1,694,508	-1,694,508	-2,467,116	-1,293,390	-3,760,506	-5,455,014	
CLIN 2 SST Retrv. & Closure	2.1	A	0	0	0	0	0	0	0	-2,277,174	-5,530,647	-20,987,131	-28,794,952	-28,325,076	-44,452,912	-72,777,988	-101,572,940	
	2.2	A	0	0	0	0	0	0	0	0	0	-2,254,169	-2,254,169	-3,682,365	-1,749,659	-5,432,024	-7,686,193	
CLIN 3 WTP Support	3.1	A	0	0	0	0	0	0	0	0	0	0	0	95,536	-7,429,797	-7,334,261	-7,334,261	
	3.2	A	0	0	0	0	0	0	0	0	0	0	0	-71,358	-93,718	-165,076	-165,076	
	3.3	A	0	0	0	0	0	0	0	0	0	0	0	145,000	-470,401	-325,401	-325,401	
	3.4	A	0	0	0	0	0	0	0	0	0	0	0	-848,032	-2,775,252	-3,623,284	-3,623,284	
CLIN 4 Supplemental Treatment	4.1	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4.3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4.4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4.5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLIN 5 Early Feed & Operation of the WTP LAW	5.1	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5.3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5.4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLIN 6 Pension & Welfare Plans	6.1	A	0	0	0	0	0	0	0	0	-60,921	-101,795	-162,716	-159,221	-1,393,204	-1,552,425	-1,715,141	
	6.2	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Base Contract Sub-Totals	Contract Cost	A	0	0	0	0	0	0	0	0	-2,277,174	-6,975,693	-39,033,427	-48,286,293	-49,942,342	-127,120,034	-177,062,376	-225,348,669
	Available Fee ¹		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-11,963,458	-15,301,430
	Contract Price		0	0	0	0	0	0	0	0	-2,277,174	-6,975,693	-39,033,427	-51,624,265	-49,942,342	-127,120,034	-189,025,834	-240,650,099
CLIN 7 American Recovery and Reinvestment Act (ARRA)	7.1	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7.2	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7.3	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7.4	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7.5	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7.6	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLIN 8 Contract Closeout	8.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARRA & Contract Closeout Sub-Totals	Contract Cost	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Available Fee		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Contract Price		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Contract Totals	Contract Cost	A	0	0	0	0	0	0	0	0	-2,277,174	-6,975,693	-39,033,427	-48,286,293	-49,942,342	-127,120,034	-177,062,376	-225,348,669
	Available Fee ¹		0	0	0	0	0	0	0	0	0	0	0	-3,337,972	0	0	-11,963,458	-15,301,430
	Contract Price		0	0	0	0	0	0	0	0	-2,277,174	-6,975,693	-39,033,427	-51,624,265	-49,942,342	-127,120,034	-189,025,834	-240,650,099

TO:

Attachment 1

Table B.4-1 Contract Cost and Contract Fee

CLIN	Sub-CLIN	Auth	Transition	Base Period						Option Period 1				Option Period 2			Contract Totals
			FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals	FY 2014	FY 2015	FY 2016	Totals	FY 2017	FY 2018	Totals	Totals
CLIN 1 Base Operations	1.1 ¹	A	5,494,000	0	0	0	0	0	0	0	0	0	0	0	0	0	5,494,000
	1.2.1	A	0	108,317,537	130,557,912	139,669,524	138,592,209	176,874,583	694,011,765	215,393,005	262,649,813	253,242,433	731,285,251	298,087,552	287,923,999	586,011,551	2,011,308,567
	1.2.2	A	0	29,509,468	33,281,799	30,647,681	44,176,825	44,686,448	182,302,220	50,067,447	64,431,516	74,234,273	188,733,235	88,449,616	79,931,441	168,381,057	539,416,513
	1.3	A	0	18,551,276	19,732,180	22,296,216	23,131,428	23,312,148	107,023,247	31,337,058	28,332,863	36,642,013	96,311,934	33,200,016	37,021,005	70,221,021	273,556,202
CLIN 2 SST Retrv. & Closure	2.1	A	0	57,403,068	72,752,511	75,625,974	84,296,755	94,643,864	384,722,172	55,382,993	79,692,933	54,331,640	189,407,566	107,450,193	62,263,435	169,713,627	743,843,365
	2.2	A	0	1,385,657	2,367,273	3,266,018	381,496	512,554	7,912,998	2,599,094	5,833,999	4,555,078	12,988,171	7,937,861	3,271,554	11,209,414	32,110,583
CLIN 3 WTP Support	3.1	A	0	7,973,682	17,498,036	20,512,679	36,090,531	27,944,842	110,019,770	31,749,229	20,891,238	28,897,200	81,537,667	39,127,502	32,672,229	71,799,732	263,357,168
	3.2	A	0	926,406	3,845,905	2,538,026	3,272,674	2,588,147	13,171,157	10,476,468	8,599,876	7,592,900	26,669,244	4,835,850	7,791,440	12,627,290	52,467,691
	3.3	A	0	829,600	3,462,842	2,535,361	3,317,522	309,605	10,454,929	3,620,997	3,802,246	3,160,391	10,583,634	5,527,186	6,193,253	11,720,439	32,759,002
	3.4	A	0	158,274	544,884	1,787,451	4,212,966	39,542	6,743,117	3,410,480	8,409,962	23,842,851	35,663,293	16,195,022	15,799,082	31,994,104	74,400,515
CLIN 4 Supplemental Treatment	4.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4.2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4.3	A	0	0	2,798,664	8,547,404	976,925	4,795,858	17,118,850	5,053,483	6,051,885	9,996,859	21,102,227	0	0	0	38,221,077
	4.4	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4.5		0	2,412	0	0	110,034	375,222	487,668	702,630	0	0	702,630	0	0	0	1,190,298
CLIN 5 Early Feed & Operation of the WTP LAW	5.1		0	0	0	0	0	0	0	3,680,340	23,564,930	27,530,451	54,775,721	44,689,876	4,741,662	49,431,538	104,207,259
	5.2		0	0	0	0	0	0	0	0	0	63,708	63,708	0	0	0	63,708
	5.3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5.4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLIN 6 Pension & Welfare Plans	6.1	A	0	14,203,459	19,021,014	16,942,123	23,321,065	26,803,599	100,291,259	33,352,743	38,290,521	40,432,568	112,075,832	41,844,329	39,146,174	80,990,503	293,357,593
	6.2	A	0	71,526,845	146,785,096	90,633,410	79,044,602	122,161,289	510,151,241	123,154,662	118,009,763	113,994,558	355,158,983	54,236,000	53,847,000	108,083,000	973,393,224
Base Contract Sub-Totals	Contract Cost		5,494,000	310,787,683	452,648,115	415,001,865	440,925,030	525,047,701	2,144,410,395	569,980,628	668,561,546	678,516,922	1,917,059,096	741,581,002	630,602,274	1,372,183,276	5,439,146,767
	Available Fee ¹		0	14,902,548	21,704,882	19,899,711	21,142,750	24,524,804	102,174,694	25,073,192	30,000,000	TBD	97,625,847	TBD	TBD	91,483,539	291,284,080
	Contract Price		5,494,000	325,690,231	474,352,998	434,901,576	462,067,780	549,572,505	2,246,585,089	595,053,820	698,561,546	TBD	2,014,684,943	TBD	TBD	1,463,666,815	5,730,430,847
CLIN 7 American Recovery and Reinvestment Act (ARRA)	7.1	A	0	18,542,771	82,696,778	87,820,906	0	0	189,060,455	0	87,820,906	0	0	0	0	0	189,060,455
	7.2	A	0	2,444,642	15,043,442	17,382,721	0	0	34,870,804	0	0	0	0	0	0	0	34,870,804
	7.3	A	0	3,599,231	20,087,000	26,950,992	0	0	50,637,222	0	0	0	0	0	0	0	50,637,222
	7.4	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7.5	A	0	820,051	2,960,284	4,272,691	0	0	8,053,026	0	0	0	0	0	0	0	8,053,026
	7.6	A	0	0	8,620,572	10,278,267	0	0	18,898,839	0	0	0	0	0	0	0	18,898,839
CLIN 8 Contract Closeout	8.1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ARRA & Contract Closeout	Contract Cost	0	25,406,695	129,408,075	146,705,577	0	0	301,520,347	0	0	0	0	0	0	0	301,520,347
	Available Fee	0	2,853,000	11,180,000	8,309,000	0	0	22,342,000	0	0	0	0	0	0	0	0	22,342,000
	Contract Price	0	28,259,695	140,588,075	155,014,577	0	0	323,862,347	0	0	0	0	0	0	0	0	323,862,347
Contract Totals	Contract Cost		5,494,000	336,194,379	582,056,190	561,707,442	440,925,030	525,047,701	2,445,930,742	569,980,628	668,561,546	678,516,922	1,917,059,096	741,581,002	630,602,274	1,372,183,276	5,740,667,114
	Available Fee ¹		0	17,755,548	32,884,882	28,208,711	21,142,750	24,524,804	124,516,694	25,073,192	30,000,000	TBD	97,625,847	TBD	TBD	91,483,539	313,626,080
	Contract Price		5,494,000	353,949,926	614,941,072	589,916,153	462,067,780	549,572,505	2,570,447,436	595,053,820	698,561,546	TBD	2,014,684,943	TBD	TBD	1,463,666,815	6,054,293,194

Attachment 2

FROM:

Section J Attachment 17

Post Fiscal Year 2018 Cost and Fee Table

Section

CLIN	Sub-CLIN	Auth	Post FY18			Post FY18 Totals
			FY 2019	FY 2020	Totals	Totals
	1.11	A	0	0	0	0
CLIN 1	1.2.1	A	0	0	0	0
Base Operations	1.2.2	A	14,236	0	14,236	14,236
	1.3	A	0	0	0	0
CLIN 2 SST	2.1	A	0	0	0	0
Retrv. & Closure	2.2	A	0	0	0	0
CLIN 3	3.1	A	0	0	0	0
WTP	3.2	A	0	0	0	0
Support	3.3	A	104,758	0	104,758	104,758
	3.4	A	0	0	0	0
	4.1		0	0	0	0
CLIN 4	4.2		0	0	0	0
Supplemental	4.3	A	0	0	0	0
Treatment	4.4	A	0	0	0	0
	4.5		0	0	0	0
CLIN 5	5.1		0	0	0	0
Early Feed &	5.2		0	0	0	0
Operation of	5.3		0	0	0	0
the WTP LAW	5.4		0	0	0	0
CLIN 6 Pension	6.1	A	1,006	0	1,006	1,006
& Welfare Plans	6.2	A	0	0	0	0
Base	Negotiated Cost		120,000	0	120,000	120,000
Contract	Available Fee1		TBD	TBD	1,168	1,168
Sub-Totals	Negotiated Price		TBD	TBD	121,168	121,168
CLIN 7	7.1	A	0	0	0	0
American	7.2	A	0	0	0	0
Recovery and	7.3	A	0	0	0	0
Reinvestment	7.4	A	0	0	0	0
Act (ARRA)	7.5	A	0	0	0	0
	7.6	A	0	0	0	0
CLIN 8 Contract	8.1		0	0	0	0
Closeout					0	0
ARRA & Contract	Negotiated Cost		0	0	0	0
Closeout	Available Fee		0	0	0	0
Sub-Totals	Negotiated Price		0	0	0	0
Contract	Negotiated Cost		120,000	0	120,000	120,000
Totals	Available Fee		TBD	TBD	1,168	1,168
	Negotiated Price		TBD	TBD	121,168	121,168

BY:

Section J Attachment 17

Post Fiscal Year 2018 Cost and Fee Table							
CLIN	Sub-CLIN	Auth	Post FY18			Post FY18 Totals	
			FY 2019	FY 2020	Totals	Totals	
	1.11	A	0	0	0	0	
CLIN 1	1.2.1	A	21,980,284	0	21,980,284	21,980,284	
Base Operations	1.2.2	A	5,067,139	0	5,067,139	5,067,139	
	1.3	A	397,668	0	397,668	397,668	
CLIN 2 SST	2.1	A	1,763,090	0	1,763,090	1,763,090	
Retrv. & Closure	2.2	A	1,101,153	0	1,101,153	1,101,153	
CLIN 3	3.1	A	5,373,841	0	5,373,841	5,373,841	
WTP	3.2	A	0	0	0	0	
Support	3.3	A	0	0	0	0	
	3.4	A	1,007,761	0	1,007,761	1,007,761	
	4.1		0	0	0	0	
CLIN 4	4.2		0	0	0	0	
Supplemental	4.3	A	0	0	0	0	
Treatment	4.4	A	0	0	0	0	
	4.5		0	0	0	0	
CLIN 5	5.1		0	0	0	0	
Early Feed &	5.2		0	0	0	0	
Operation of	5.3		0	0	0	0	
the WTP LAW	5.4		0	0	0	0	
CLIN 6 Pension	6.1	A	2,022,546	0	2,022,546	2,022,546	
& Welfare Plans	6.2	A	0	0	0	0	
Base	Negotiated Cost		38,713,481	0	38,713,481	38,713,481	
Contract	Available Fee1		TBD	TBD	2,190,630	2,190,630	
Sub-Totals	Negotiated Price		TBD	TBD	40,904,111	40,904,111	
CLIN 7	7.1	A	0	0	0	0	
American	7.2	A	0	0	0	0	
Recovery and	7.3	A	0	0	0	0	
Reinvestment	7.4	A	0	0	0	0	
Act (ARRA)	7.5	A	0	0	0	0	
	7.6	A	0	0	0	0	
CLIN 8 Contract	8.1		0	0	0	0	
Closeout							
ARRA & Contract	Negotiated Cost		0	0	0	0	
Closeout	Available Fee1		TBD	TBD	0	0	
Sub-Totals	Negotiated Price		TBD	TBD	0	0	
Contract	Negotiated Cost		38,713,481	0	38,713,481	38,713,481	
Totals	Available Fee1		TBD	TBD	2,190,630	2,190,630	
	Negotiated Price		TBD	TBD	40,904,111	40,904,111	

Attachment 2

TO:

Section J Attachment 17

Post Fiscal Year 2018 Cost and Fee Table							
CLIN	Sub-CLIN	Auth	Post FY18			Post FY18 Totals	
			FY 2019	FY 2020	Totals	Totals	
	1.11	A	0	0	0	0	
CLIN 1	1.2.1	A	21,980,284	0	21,980,284	21,980,284	
Base Operations	1.2.2	A	5,081,375	0	5,081,375	5,081,375	
	1.3	A	397,668	0	397,668	397,668	
CLIN 2 SST	2.1	A	1,763,090	0	1,763,090	1,763,090	
Retrv. & Closure	2.2	A	1,101,153	0	1,101,153	1,101,153	
CLIN 3	3.1	A	5,373,841	0	5,373,841	5,373,841	
WTP	3.2	A	0	0	0	0	
Support	3.3	A	104,758	0	104,758	104,758	
	3.4	A	1,007,761	0	1,007,761	1,007,761	
	4.1		0	0	0	0	
CLIN 4	4.2		0	0	0	0	
Supplemental	4.3	A	0	0	0	0	
Treatment	4.4	A	0	0	0	0	
	4.5		0	0	0	0	
CLIN 5	5.1		0	0	0	0	
Early Feed &	5.2		0	0	0	0	
Operation of	5.3		0	0	0	0	
the WTP LAW	5.4		0	0	0	0	
CLIN 6 Pension	6.1	A	2,023,551	0	2,023,551	2,023,551	
& Welfare Plans	6.2	A	0	0	0	0	
Base	Contract Cost		38,833,481	0	38,833,481	38,833,481	
Contract	Available Fee1		TBD	TBD	2,191,798	2,191,798	
Sub-Totals	Contract Price		TBD	TBD	41,025,279	41,025,279	
CLIN 7	7.1	A	0	0	0	0	
American	7.2	A	0	0	0	0	
Recovery and	7.3	A	0	0	0	0	
Reinvestment	7.4	A	0	0	0	0	
Act (ARRA)	7.5	A	0	0	0	0	
	7.6	A	0	0	0	0	
CLIN 8 Contract	8.1		0	0	0	0	
Closeout							
ARRA & Contract	Contract Cost		0	0	0	0	
Closeout	Available Fee		TBD	TBD	0	0	
Sub-Totals	Contract Price		TBD	TBD	0	0	
Contract	Contract Cost		38,833,481	0	38,833,481	38,833,481	
Totals	Available Fee1		TBD	TBD	2,191,798	2,191,798	
	Contract Price		TBD	TBD	41,025,279	41,025,279	

Attachment 3
Option Period 2 Description of Changes

Project	Contract Action	Impacted Tasks	Project	Contract Action	Impacted Tasks	
Core Samples (FY16)	Scope Delete	Core Sampling - FY16 2nd Sample		Deferral	242-A Raw Water Service Bldg / Equip Replacement - Project Support	
	Scope Delete	Core Sampling - FY16 3rd Sample		Deferral	242-A Raw Water Service Bldg / Equip Replacement - Design	
Core Sample #1 (FY16)	Deferral	Core Sampling - FY17 1st (Field Work - Demob & Closeout)	242-A Raw Water Service Bldg / Equip Replacement	Deferral	242-A Raw Water Service Bldg / Equip Replacement - Procurement	
	Deferral	Core Sampling - FY17 1st (Field Work - Sample & Ship to Labs)		Deferral	242-A Raw Water Service Bldg / Equip Replacement - Work Package Planning	
	Deferral	Core Sampling - FY17 1st (Field Work - Setup)		Deferral	242-A Raw Water Service Bldg / Equip Replacement - Field Work	
	Deferral	Core Sampling - FY17 1st (Develop TSAP)		Deferral	242-A Raw Water Service Bldg / Equip Replacement - Turnover & Closeout	
Core & Grab Tank Sampling Analysis Plans (TSAPs)	Deferral	Core Sampling - FY17 1st (Review/Approve TSAP)	ETF Control System Upgrade & Training Simulator	Scope Delete	ETF Control System Upgrade - Design	
	Deferral	Core Sampling - FY18 1st (Develop TSAP)		Scope Delete	ETF Control System Upgrade - Procure	
	Deferral	Core Sampling - FY18 1st (Review/Approve TSAP)		Scope Delete	ETF Training Simulator - SOW / Contract Award	
	Deferral	Core Sampling - FY17 1st (Receipt of Core Barrels - 5x)		Scope Delete	ETF Training Simulator - Develop Training	
Core & Grab Sampling - Materials	Deferral	Core Sampling - FY17 1st (Receipt of Liners - 25x)	Leak Detector Relay Replacement	Scope Delete	Leak Detector Relay Replacement - Procurement/Fabrication	
	Deferral	Core Sampling - FY17 1st (Receipt of Materials)		Scope Delete	Leak Detector Relay Replacement - Work Package Planning	
	Deferral	Core Sampling - FY17 1st (Receipt of Samplers - 25x)		Scope Delete	Leak Detector Relay Replacement - Field Work	
	Deferral	Grab Sampling - FY17 6th (Field Work)		Scope Delete	Leak Detector Relay Replacement Pilot - Design (AN Farm)	
Grab Sampling FY17	Deferral	Core Sampling - FY18 1st (Work Package Planning)	Leak Detector Relay Replacement Pilot - PM	Scope Delete	Leak Detector Relay Replacement Pilot - Work Package Planning (AN Farm)	
	Deferral	Core Sampling - Rotary Mode Procedures and Operational Readiness Checklist		Scope Delete	Leak Detector Relay Replacement Pilot - Field Work (AN Farm)	
	Deferral	Core Sampling - Rotary Mode Readiness Assessment and Training		Scope Delete	Leak Detector Relay Replacement Pilot - Testing / Readiness / Turnover (AN Farm)	
	Deferral	Core Sampling - FY17 2nd (Work Package Planning)		Scope Delete	242-A Change / Staging Structure - Project Support	
Core Sampling	Deferral	Core Sampling - FY17 2nd (Field Work - Setup)	242-A Change / Staging Structure	Scope Delete	242-A Change / Staging Structure - Design	
	Deferral	Core Sampling - FY17 2nd (Field Work - Sample & Ship to Labs)		Scope Delete	242-A Change / Staging Structure - Procure	
	Deferral	Core Sampling - FY17 2nd (Field Work - Demob & Closeout)		Scope Delete	242-A Change / Staging Structure - Work Package Planning	
	Deferral	Sampling Equipment - Receipt of Generator		Scope Delete	242-A Change / Staging Structure - Field Work / Turnover	
Sampling Equipment	Deferral	Sampling Equipment - Receipt of Water Skid		Scope Delete	AW Farm Inlet Breather Assembly Replacement - Project Support	
ORSS Sampling	Deferral	ORSS Sampling and Analysis - A-104		Scope Delete	AW Farm Inlet Breather Assembly Replacement - Draft Design	
	Deferral	ORSS Sampling and Analysis - A-105		Scope Delete	AW Farm Inlet Breather Assembly Replacement - Final Design	
Grab Sampling - Materials	Deferral	Core Sampling - FY18 1st (Receipt of Core Barrels - 5x)	AW Farm Inlet Breather Assembly Replacement	Scope Delete	AW Farm Inlet Breather Assembly Replacement - Procurement/Fabrication	
	Deferral	Core Sampling - FY18 1st (Receipt of Liners - 25x)		Scope Delete	AW Farm Inlet Breather Assembly Replacement - Work Package Planning	
	Deferral	Core Sampling - FY18 1st (Receipt of Samplers - 25x)		Scope Delete	AW Farm Inlet Breather Assembly Replacement - Field Work	
	Deferral	Core Sampling - FY18 2nd (Receipt of Core Barrels - 5x)		Scope Delete	AW Farm Inlet Breather Assembly Replacement - Rebalance Primary Ventilation System	
	Deferral	Core Sampling - FY18 2nd (Receipt of Liners - 25x)		Scope Delete	AW Farm Inlet Breather Assembly Replacement - Startup/Readiness/Turnover/Closeout	
	Deferral	Core Sampling - FY18 2nd (Receipt of Materials)		AW-103 and AW-104 Electrical Upgrades	Deferral	AW-103 and AW-104 Electrical Upgrades - Project Support thru Turnover
	Deferral	Core Sampling - FY18 2nd (Receipt of Samplers - 25x)		DNFSB-2012-2 Streamline Appr to SS Vent	Deferral	DNFSB-2012-2 Streamline Approach to SS Vent - Project Support FY18
	Deferral	Core Sampling - FY18 1st (Receipt of Materials)		DNFSB-2012-2 Streamline Approach to SS Vent	Deferral	DNFSB-2012-2 Streamline Approach to SS Vent - Preliminary Design
	Deferral	Core Sampling - FY18 2nd (Field Work - Sample & Ship to Labs)		Safety Shower Upgrades - Install	Deferral	Safety Shower Upgrades - Work Package Planning for Install of Self-Contained Shower #1
	Deferral	Core Sampling - FY18 2nd (Field Work - Setup)		222-S Lab Fire Alarm System Upgrade s-Proj Spprt	Deferral	Fire Alarm System - Project Support 222-S Lab Design
	Deferral	Core Sampling - FY18 2nd (Review/Approve TSAP)		222-S Lab Fire Alarm System Upgrade s-Design	Deferral	Fire Alarm System 222-S Lab 60% Design
	Deferral	Core Sampling - FY18 2nd (Work Package Planning)			Deferral	Fire Alarm System 222-S Lab 90% Design
	Deferral	Core Sampling - FY18 2nd (Develop TSAP)			Deferral	Fire Alarm System 222-S Lab Final Design
	Core Sampling (FY18)	Deferral		Core Sampling - FY18 2nd (Field Work - Demob & Closeout)	Project Review Board (PP)	Scope Delete
Deferral		Core Sampling - FY18 1st (Field Work - Demob & Closeout)	Scope Delete	Project Review Board - FY18 (#2)		
Deferral		Core Sampling - FY18 1st (Field Work - Sample & Ship to Labs)	Scope Delete	Project Review Board - FY18 (#3)		
Deferral		Core Sampling - FY18 1st (Field Work - Setup)	Scope Delete	Construction Shops & Equip - FY18 Phase 2		
DST Enhanced Annulus Visual Inspections (FY16)	Deferral	Work Package Preparation - Tank #14 (Initial # 22)	Construction Shops & Equip	Scope Delete	Construction Shops & Equip - FY18	
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #14		Scope Delete	36 Facility Verification Samplings in FY17	
	Deferral	Report and Closeout - Tank #14 (Initial # 22)		Scope Delete	36 Facility Verification Samplings in FY18	
	Deferral	Work Package Preparation - Tank #15 (Initial # 23)		DOE O 420.1C - System Engineering	Deferral	DOE O 420.1C - System Engineering
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #15		DOE O 420.1C - Criticality	Deferral	DOE O 420.1C - Criticality
	Deferral	Report and Closeout - Tank #15 (Initial # 23)		DOE O 420.1C - Fire Protection	Deferral	DOE O 420.1C - Fire Protection
	Deferral	Work Package Preparation - Tank #16 (Initial # 24)		DOE O 420.1C - Natural Phenomena	Scope Delete	DOE O 420.1C - Natural Phenomena
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #16		DOE O 420.1C - I&C Engineering	Deferral	DOE O 420.1C - I&C Engineering
	Deferral	Report and Closeout - Tank #16 (Initial # 24)		DOE O 420.1C - I&C Engineering	Scope Delete	DOE O 420.1C - I&C Engineering
	Deferral	Work Package Preparation - Tank #17 (Initial # 25)		DOE O 420.1C - I&C Engineering FY18-NIU	Deferral	DOE O 420.1C - I&C Engineering FY18
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #17		Piping Specification - New Piping Codes	Deferral	Establish New Piping Codes for Near Term Projects
	Deferral	Report and Closeout - Tank #17 (Initial # 25)			Scope Delete	Develop and Issue Procurement for Multi RAE Instruments
	Deferral	Work Package Preparation - Tank #18 (Initial # 26)		IH Personnel Instruments, Support - PP	Scope Delete	Receipt of the Multi RAE Instruments
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #18			Scope Delete	Finalize Procurement for Multi RAE Instruments
	Deferral	Work Package Preparation - Tank #19 (Initial #27)		Head Space & Stack Sampling, PP	Scope Delete	Receive New Vapor Sampling System
	Deferral	Report and Closeout - Tank #18 (Initial # 26)		Evaluate Medical Surveil Prog. Support	Scope Delete	Evaluate Medical Surveil Prog. Support
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #19		New Tech. Area/Source Monitoring, Matl Pro	Scope Delete	New Tech. Area/Source Monitoring, Matl Pro
	Deferral	Report and Closeout - Tank #19 (Initial #27)			Deferral	Auto Sampler Enhancement Assembly
	Deferral	Work Package Preparation - Tank #20 (Initial #28)		New Vapor Detection Tech - Subcontract	Deferral	Auto Sampler Enhancement Receipt
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #20			Deferral	CVAP - New Vapor Technology Technical Support FY18
	Deferral	Work Package Preparation - Tank #21 (Re-perform # 2)		Plating Assessment	Scope Delete	Plating Assessment
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #21		Field Stability & Recovery Studies	Scope Delete	Field Stability & Recovery Studies
	Deferral	Report and Closeout - Tank #21 (Re-perform # 2)		Head Space & Stack Sampling - Support	Deferral	Sample Tank Head Space FY18 - Field Sample 1
	Deferral	Work Package Preparation - Tank #22 (Re-perform # 3)		Head Space & Stack Sampling - Material	Deferral	Receive FY18 Head Space Sampling Media Procurements
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #22		VMDS Upgrades Support	Deferral	Farm Stack Monitoring Readiness/Testing/Turnover
	Deferral	Report and Closeout - Tank #22 (Re-perform # 3)		VMDS Upgrades Subcontract	Deferral	Comidor Monitoring Draft Design AW/AJX/AJ/AZ/AN

Attachment 3

Option Period 2 Description of Changes

Project	Contract Action	Impacted Tasks	Project	Contract Action	Impacted Tasks	
Flash Thermography (NDE) - DST Integrity	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - FY17 Project Management	SST Farm #1 Automation	Deferral	Comidor Monitoring Final Design AW/A/AX/AY/AZ/AN	
	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - Preliminary Design		Deferral	SST Automation PM Support - FY18	
	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - Review & Final Design		Deferral	SST Automation Upgrades - Work Package Planning (Plant Forces Work Review)	
	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - Fabrication		Deferral	SST Automation Upgrades - Receipt of Procurement	
	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - Test & Deliver		Deferral	SST Automation Upgrades - Installation	
	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - FY18 Project Management		Deferral	SST Automation Upgrades - CAT	
	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - Train & Test Onsite		Deferral	SST Automation Upgrades - Work Package Closeout	
	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - Deploy in Field		Deferral	SST Automation Upgrades - Startup, Readiness, Turnover	
SAFT & T-SAFT - DST Integrity	Scope Delete	DST Integrity Improvement Plan - Flash Thermography - Final Report	A/AX Tool Development - Continued	Scope Delete	Design/Fab/Factory Test Production New Waste Transfer Line Monitoring System	
	Scope Delete	DST Integrity Improvement Plan - 4.3.3 UT - SAFT and T-SAFT	Residual Volume Measurement System	Deferral	Residual Volume Measurement System	
Guided Wave (NDE) - DST Integrity	Deferral	DST Integrity Improvement Plan - Guided Wave NDE - Deploy in Field	New Waste Transfer Line Monitoring System	Scope Delete	New Waste Transfer Line Monitoring System	
	Deferral	DST Integrity Improvement Plan - Guided Wave NDE - Final Report	New Hose Mats for High Rad Tanks	Scope Delete	New Hose Mats for High Rad Tanks	
SST Intr Mit 2nd Tank - Project Support	Scope Delete	SST Intrusion Mitigation (2nd Tank) - Project Support Thru Operation "CR DEF"	Hard Heel Sampler	Scope Delete	Hard Heel Sampler	
SST Intr Mit 2nd Tank - Procure/Fab	Scope Delete	SST Intrusion Mitigation (2nd Tank) - Fabricate Components "CR DEF"	Simplified Sluicer	Scope Delete	Simplified Sluicer	
SST Intr Mit 2nd Tank - Install/Test	Scope Delete	SST Intrusion Mitigation (2nd Tank) - Installation "CR DEF"	Deploy FARGO in Two Tanks	Scope Delete	Deploy FARGO in Tanks A-104 and A-105	
	Scope Delete	SST Intrusion Mitigation (2nd Tank) - Testing	Barrier Re-research - NIU	Scope Delete	Perform Market Research of Barrier Technologies to Support Single Shell Tank Retrieval	
SST Intr Mit 2nd Tank - Run	Scope Delete	SST Intrusion Mitigation (2nd Tank) - Operation	PM/Engineering Support FY17	Scope Delete	Hold Workshop & Evaluate Barrier Technologies to support Single Shell Tank Retrievals	
	Deferral	Caustic Addition #1(FY18) - Procedure Revision and Caustic Analysis	Mechanical Waste Gathering Tool Design	Deferral	PM/Engineering Support FY17 - Q2	
Deferral	Caustic Addition #1(FY18) - Field Mobilization and Equipment Setup	Deferral		Mechanical Waste Gathering Tool Deployment 30% Design		
Deferral	Caustic Addition #1(FY18) - Receipt of Caustic Solution	Deferral		Mechanical Waste Gathering Tool Deployment 60% Design		
Deferral	Caustic Addition #1(FY18) - Perform Caustic Solution Addition	Scope Delete		Mechanical Waste Gathering Tool Deployment Final Design		
Deferral	Caustic Addition #2(FY18) - Procedure Revision and Caustic Analysis	Scope Delete		Mechanical Waste Gathering Tool End Effector 60% Design		
Deferral	Caustic Addition #2(FY18) - Field Mobilization and Equipment Setup	Scope Delete		Mechanical Waste Gathering Tool End Effector Final Design		
Deferral	Caustic Addition #2(FY18) - Receipt of Caustic Solution	Scope Delete		Mechanical Waste Gathering Tool End Effector 30% Design		
Deferral	Caustic Addition #2(FY18) - Perform Caustic Solution Addition	Scope Delete		Receipt of Mechanical Waste Gathering Tool for A-Farm		
Deferral	Caustic Addition #3(FY18) - Procedure Revision and Caustic Analysis	42-inch Riser SOW/Specification Development		Scope Delete	Prepare Spec/SOW for Removing Riser	
Deferral	Caustic Addition #3(FY18) - Field Mobilization and Equipment Setup	42-inch Riser Design		Scope Delete	Select Vendor & Award Contract for Remove Riser	
Deferral	Caustic Addition #3(FY18) - Receipt of Caustic Solution		Scope Delete	Remove Riser for Mechanical Waste Gathering Tool 30% Design		
DST Supplemental Analysis & Modeling (FY17&18)	Scope Delete	DST Supplemental Assmnt/Modeling - FY17	42-inch Riser Design	Scope Delete	Remove Riser for Mechanical Waste Gathering Tool 60% Design	
	Scope Delete	DST Supplemental Assmnt/Modeling - FY17		Scope Delete	Remove Riser for Mechanical Waste Gathering Tool Final Design	
Wst Xfer Sys Frms Anls & Lab Work (FY17&18)	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Analysis Report #1 (Test Samples: Up to 3 Total)	Core Drill to Remove 42-Inch Riser	Scope Delete	Design/Fab/Test/Ship Riser Removal Equipment	
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Analysis Report #2 (Test Samples: Up to 3 Total)	Technology Roadmap FY18-NIU	Scope Delete	Technology Development Roadmap Revision - FY18	
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Test Plan #1 (Test Samples: Up to 3 Total)	Robust Crawler SOW/Specification Development-NIU	Scope Delete	Prepare Request for Proposal, Receive Response and Award Contract for Crawler	
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Test Plan #2 (Test Samples: Up to 3 Total)		Scope Delete	Prepare / Approve Specification for Robust Crawler	
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Perform Forensics Analysis #1 (Test Samples: Up to 3 Total)		Scope Delete	Prepare and Receive Response to Expression of Interest for Crawler	
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Perform Forensics Analysis #2 (Test Samples: Up to 3 Total)		Scope Delete	Finalize Specification for Robust Crawler based on Expression of Interest Response	
	Deferral	Waste Transfer System Inspection and Lab Analysis - Forensics Test Plan FY18#1 (Test Samples: Up to 3x total)		Robust Crawler Specification Update	Scope Delete	Modify Specification for Robust Crawler
	Deferral	Waste Transfer System Inspection and Lab Analysis - Perform Forensics Analysis FY18#1 (Test Samples: Up to 3x total)		Rotary Core Drilling Technology	Scope Delete	Develop/Test Core Drill of Riser
	Deferral	Waste Transfer System Inspection and Lab Analysis - Forensics Analysis Report FY18#1 (Test Samples: Up to 3x total)	Scope Delete		Prepare Spec/SOW/Select Vendor & Award Contract for Core Drill of Riser	
	Deferral	Waste Transfer System Inspection and Lab Analysis - Forensics Test Plan FY18#2 (Test Samples: Up to 3x total)	Barrier Re-research	Scope Delete	Ship to CTF, Test Core Drill of Riser	
	Deferral	Waste Transfer System Inspection and Lab Analysis - Perform Forensics Analysis FY18#2 (Test Samples: Up to 3x total)		Deferral	Perform Market Research of Barrier Technologies to Support Single Shell Tank Retrieval	
	Deferral	Waste Transfer System Inspection and Lab Analysis - Forensics Analysis Report FY18#2 (Test Samples: Up to 3x total)		Deferral	Hold Workshop & Evaluate Barrier Technologies to support Single Shell Tank Retrievals	
Deferral	Single Shell Tanks Visual Inspections - Receipt of Equipment (FY17)	Scope Delete		Prepare and Issue Report on Potential Barrier Technologies to support Single Shell Tank Retrievals		
DST Xfer Sys Encsmnt Integrity Checks FY17	Deferral	Encasement Pressure Check (FY17 Pit #3) - Work Package Planning		Evaluate Use of Mixer Pumps for SST Retrievals	Deferral	Evaluate Existing Mixer Pump Options
	Deferral	Encasement Pressure Check (FY17 Pit #3) - Field Work			Deferral	Prepare Mixer Pump Report
	Deferral	Encasement Pressure Check (FY17 Pit #3) - Demob & Closeout	Deferral		Evaluate Existing Hanford Mixer Pump Data	
	Deferral	Encasement Pressure Check (FY17 Pit #4) - Work Package Planning	Scope Delete		Evaluate Existing Mixer Pump Options	
	Deferral	Encasement Pressure Check (FY17 Pit #4) - Field Work	Scope Delete		Prepare Mixer Pump Report	
	Deferral	Encasement Pressure Check (FY17 Pit #4) - Demob & Closeout	Scope Delete		Evaluate Existing Hanford Mixer Pump Data	
	Deferral	Encasement Pressure Check (FY17 Pit #5) - Work Package Planning	Regulatory Document Support and Devl		Scope Delete	Regulatory Document Support and Devl
	Deferral	Encasement Pressure Check (FY17 Pit #5) - Field Work	Regulatory Document Support and Devl (FY18)		Deferral	Regulatory Document Support and Devl (FY18)
	Deferral	Encasement Pressure Check (FY17 Pit #5) - Demob & Closeout	Regulatory Document Support and Devl (FY18)		Scope Delete	Regulatory Document Support and Devl (FY18)
	SST Intrusion Mitigation (FY17&18)	Scope Delete	SST Intrusion Mitigation - Project Support		Surface Geophysical Exploration Charac.	Scope Delete
SST Intrusion Mitigation T-112 Ops Support	Scope Delete	SST Intrusion Mitigation (Tank #2: T-112) - Operational Support	A/AX Surface Geophysical Exploration	Scope Delete	Set Up/Collect Data for A Farm (FY16)	
	Scope Delete	SST Intrusion Mitigation (Tank #2: T-112) - Operational Support FY18		Scope Delete	Set Up/Collect Data for AX Farm	
SST Intrusion Mitigation Future Tanks	Scope Delete	SST Intrusion Mitigation (Tank #3: T-102) - Design	Other Characterization	Scope Delete	SGLS Data Retrieval Support - Farm TBD #1	
	Scope Delete	SST Intrusion Mitigation (Tank #4: Bx-101) - Design		Scope Delete	Spectral Gamma Logging and Data Support-Vadose - FY16	
	Scope Delete	SST Intrusion Mitigation (Tank #3: T-102) - Procurement/Fabrication		Scope Delete	Spectral Gamma Logging and Data Support-Vadose (FY15)	
	Scope Delete	SST Intrusion Mitigation (Tank #3: T-102) - Work Package Planning		Scope Delete	Other Characterization (FY18)	
	Scope Delete	SST Intrusion Mitigation (Tank #3: T-102) - Installation, and Testing		Interim Barrier Characterization	Scope Delete	DP-Analyze Samples & Report-12 Sites/36 Samples for A/AX - FY16
FFS-Simulant Valve Testing FY17-18	Deferral	FFS Simulant Valve Testing - FY18 Test Setup Storage	Interim Barrier Construct Two SX Barriers	Scope Delete	A/AX Farm Direct Push, Log, and Sample (12 sites)	
FFS-Simulant Valve Continued Testing	Scope Delete	FFS Simulant Valve Testing - Simulant Valve Testing (FY18)	Interim Barrier Construct Two SX Barriers	Deferral	Interim Barrier Construct Two SX Barriers	

Attachment 3

Option Period 2 Description of Changes

Project	Contract Action	Impacted Tasks	Project	Contract Action	Impacted Tasks	
Miscellaneous Underground Storage Tanks	Deferral	Miscellaneous Underground Storage Tanks Visual Inspection (Phase 1) - Work Package Planning (3x Tanks)	Pre-Construct Planning & Prep - Two SX Barriers	Deferral	Interim Barrier Project Planning/Prep - Safety Planning, Environmental Reviews	
	Deferral	Miscellaneous Underground Storage Tanks Visual Inspections (Phase 1) - Perform Visual Inspection (3x Tanks)		Deferral	Install Monitoring System: Excavation Permit	
	Deferral	Miscellaneous Underground Storage Tanks Visual Inspections (Phase 1) - Report and Closeout (3x Tanks)		Deferral	Install Monitoring System: Work Package	
	Deferral	Miscellaneous Underground Storage Tanks Support to Visual Inspections		Deferral	Construct Evapotranspiration Basin: Excavation Permit	
	Deferral	Miscellaneous Underground Storage Tanks Intrusion Plan Development		Deferral	Construct Evapotranspiration Basin: Work Package	
UT Support (FY18)	Deferral	Miscellaneous Underground Storage Tanks Program Plan Development	Pre-Construct Planning & Prep - Subcontracts	Deferral	Install Monitoring System: Equipment Procurement & Calibration	
	Deferral	Perf UT Exam - FY18 Tank#2 - Work Package Preparation		Deferral	Construct Evapotranspiration Basin: Ground Penetrating Radar (GPR)	
	Deferral	Perf UT Exam - FY18 Tank#2 - Ultrasonic Testing		Deferral	Field Crew Training - Mobilization	
	Deferral	Perf UT Exam - FY18 Tank#2 - Report and Work Package Closeout		Deferral	Engineering Design Support - Subcontract	
	Deferral	Perf UT Exam - FY18 Tank#3 - Work Package Preparation		Scope Delete	C-107 3rd Technology - HIHTL/Jumper Life Extension	
	Deferral	Perf UT Exam - FY18 Tank#3 - Ultrasonic Testing		Scope Delete	C-107 3rd Technology - Startup and Readiness FY14	
SST Integrity Visual Insp. - Procure (FY18)	Deferral	Perf UT Exam - FY18 Tank#3 - Report and Work Package Closeout	C-107 Retrieval Operations - 3rd Technology	Scope Delete	C-107 3rd Technology - Water Additions/Recirculations/Pump Downs	
	Deferral	Single Shell Tanks Visual Inspections - Receipt of Equipment (FY18)		Scope Delete	C-107 3rd Technology - Maintenance of Retrieval Sy	
DST Xfer Sys Encsmnt Integrity Checks (FY18)	Deferral	Single Shell Tanks Visual Inspections - Receipt of Remaining Equipment (FY18)	C-111 Post Retrieval Sampling and Analysis	Scope Delete	C-107 3rd Technology - Engineering Support FY14	
	Deferral	Encasement Pressure Check (FY18 Pit #4) - Work Package Planning		Scope Delete	C-107 3rd Technology - Sluicing Campaign, Volume Displacement, Triple Rinse, CCMS Video, and RCR	
	Deferral	Encasement Pressure Check (FY18 Pit #4) - Field Work		Scope Delete	Risk - Hot Water treatment not as effect as planned	
	Deferral	Encasement Pressure Check (FY18 Pit #4) - Demob & Closeout		Scope Delete	Risk - Pump failure	
	Deferral	Encasement Pressure Check (FY18 Pit #5) - Work Package Planning		Scope Delete	Actuals	
	Deferral	Encasement Pressure Check (FY18 Pit #5) - Field Work		Scope Delete	C-111 Post Sampling - Tents/Heating Demob	
	Deferral	Encasement Pressure Check (FY18 Pit #5) - Demob & Closeout		Scope Delete	C-111 Post Sampling - Cord/Electrical Demob	
	Deferral	Encasement Pressure Check (FY18 Pit #6) - Work Package Planning		Deferral	C-105 Retrieval Data Report	
	Deferral	Encasement Pressure Check (FY18 Pit #6) - Field Work		Scope Delete	Prepare NEPA/SEPA Checklist 241-C-301	
	Deferral	Encasement Pressure Check (FY18 Pit #6) - Demob & Closeout		Scope Delete	Prepare NEPA/SEPA Checklist 244-CR Vault	
DST Annulus Visual Insp. - Procure (FY18)	Deferral	Encasement Pressure Check (FY18 Pit #7) - Work Package Planning	C-105 Retrieval Data Report	Scope Delete	Prepare NEPA/SEPA Checklist Ancillary Equipment	
	Deferral	Encasement Pressure Check (FY18 Pit #7) - Field Work		Scope Delete	Prepare NEPA/SEPA Checklist C-100 Tanks	
Tank Testing FY18 (DNV)	Deferral	Encasement Pressure Check (FY18 Pit #7) - Demob & Closeout	NEPA/SEPA Checklist	Scope Delete	Submit All NEPA/SEPA Checklists for C Farm	
	Deferral	DST Enhanced Visual Inspections - Receipt of Equipment (FY18)		Scope Delete	Draft TPA/RCRA Tier 3 Closure Plan for C-100 Tanks	
219-S Integrity Assessment-Proj Mgmt & Oversight	Deferral	Tank Chemistry Testing and Analysis (DNV) - Prepare FY18 Summary Test Report	TPA/RCRA Closure Plans	Scope Delete	Update and Finalize TPA/RCRA Tier 3 Closure Plan f	
219-S Integrity Assessment - Visual Inspections	Deferral	219-S Integrity Assessment - Project Management Support & Oversight		Scope Delete	Issue TPA/RCRA Tier 1, 2, and 3 (C-100 and C-200 T	
219-S Integrity Assessment - Ultrasonic Testing	Deferral	219-S Integrity Assessment - Field Work - Tank Visual Inspections (TK-101, TK-102, & TK-104)		Scope Delete	Transmit TPA/RCRA Tier 1, 2, and 3 (C-100 and C-20	
	Deferral	219-S Integrity Assessment - Work Package Closeout - Tank Visual Inspections (TK-101, TK-102, & TK-104)		Scope Delete	Draft TPA/RCRA Tier 3 Closure Plan for C-301 Tanks	
Waste Operations - OP2	Deferral	219-S Integrity Assessment - Field Work - Ultrasonic Testing (TK-101, TK-102, & TK-104)		DOE 435.1 Closure Plan (FY18)	Scope Delete	Finalize and Issue TPA/RCRA Tier 3 Closure Plan fo
	Deferral	219-S Integrity Assessment - Work Package Closeout - Ultrasonic Testing (TK-101, TK-102, & TK-104)			Scope Delete	Draft TPA/RCRA Tier 3 Closure Plan for CR Vault
RCE Farm Structure (NIU)	Scope Delete	219-S Integrity Assessment - Analysis - Statistical Analysis of Ultrasonic Testing Data		TPA/RCRA Closure Plans (FY18)	Deferral	Draft TPA/RCRA Tier 3 Closure Plan for Ancillary E
In-tank Camera Storage, Maint, Decon Bldg/Trailer	Deferral	219-S Integrity Assessment - Receive Ultrasonic Testing Equipment			Deferral	DOE 435.1 Closure Plan (FY18)
	Deferral	Waste Operations - 60 Trailer for Long Length Equipment		Deferral	TPA/RCRA Closure Plans (FY18)	
	Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailer - Project Support		Scope Delete	Risk Assessment Technical Activities	
	Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailer - Design	Scope Delete	Provide Waste Release Tests, One Tank (Tank1) - FY16		
	Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailer - Procurement	Scope Delete	Provide Waste Release Tests, One Tank		
	Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailer - Work Package Planning	Deferral	Document PA Assessment for WMA C (FY18)		
CCP, Fall Protection Prog-Procedure Updates	Scope Delete	In-Tank Camera Storage, Maint, Decon Bldg/Trailer - Construction	241-C-301 Pre-Retrieval Sampling & Analysis	Scope Delete	241-C-301 Pre-Retrieval Sampling & Analysis	
CCP, Fall Protection Prog-Site Wide Committee	Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailer - Turnover & Closeout		Scope Delete	241-C-301 Catch Tank Equipment Maintenance	
CCP, Fall Protection Prog-Structural Roof Anal	Deferral	CCP, Fall Protection Prog-Procedure Updates	244 CR Vault Tanks Project Management	Deferral	244 CR Vault Tanks Project Management	
CCP, Fall Protection Prog-Temp Covers Struc Anal	Scope Delete	CCP, Fall Protection Prog-Site Wide Committee		Deferral	244 CR Vault Tanks Pre-Ret. Samp/Analysis	
CCP, Fall Protection Prog-Training	Scope Delete	CCP, Fall Protection Prog-Structural Roof Anal	244 CR Vault Tanks Equipment Maintenance	Scope Delete	244 CR Vault Tanks Equipment Maintenance	
242-S Evaporator Winterrization	Scope Delete	CCP, Fall Protection Prog-Structural Roof Anal (Apr-Sept)		Scope Delete	C Farm Diversion Boxes Visual Inspections	
Evaporator Operations Turnover Checklist	Deferral	CCP, Fall Protection Prog-Temp Covers Struc Anal	AX-103 Retrieval System Installation	Scope Delete	C Farm Diversion Boxes Visual Inspections	
	Deferral	CCP, Fall Protection Prog-Training		Scope Delete	Grout Testing Project Management	
	Deferral	242-S Evaporator Winterrization		Scope Delete	Grout Testing	
	Deferral	Define Evaporator Turnover Checklist Requirements		Scope Delete	Grout Testing	
Automated Tank Sampling and Analysis Plan System	Deferral	Perform Acceptance Testing for Evaporator Turnover Checklist	AX-102/AX-104 Retrieval Proj Mgmt - FY17	Scope Delete	Closure Cap Design Project Management	
	Deferral	Prepare Software Development for Evaporator Turnover Checklist		Scope Delete	Closure Cap Design Project Management	
	Deferral	Turnover Evaporator Checklist to Production Operations		Scope Delete	Interim Closure Cap Design	
	Scope Delete	Design Automated Tank Sampling and Analysis Plan Application		Deferral	A - Farm Exhauster Pad Install - Exhauster Install	
	Scope Delete	Develop Automated Tank Sampling and Analysis Plan Application		Deferral	A - Farm Exhauster Pad Install - Demobilize	
Implement Selected Facility eTools (242-A Evap)	Scope Delete	Test Automated Tank Sampling and Analysis Plan Application	AX-102/AX-104 Retrieval Project Management (3rd Qtr)	Deferral	A - Farm Exhauster Pad Install - Mobilize to Initiate Exhauster Installation	
	Scope Delete	Deploy Automated Tank Sampling and Analysis Plan Application		Scope Delete	AX-102/AX-104 Retrieval Project Management (4th Qtr)	
Tank Farm Electronic Procedures	Deferral	Implement Selected Facility eTools (242-A Evaporator)	AX-102 Freeze Protection/Shield Box Installation 02A Pit	Scope Delete	AX-102 Freeze Protection/Shield Box Installation 02A Pit	
	Scope Delete	Design Tank Farm Electronic Procedures		Scope Delete	AX-104 Install Caustic Drop Leg	
	Scope Delete	Develop Tank Farm Electronic Procedures		Scope Delete	AX-104 Install Vapor Probe	
	Scope Delete	Test Tank Farm Electronic Procedures		Scope Delete	AX-104 Slurry Pump Installation 04A Pit	
External Transfers	Scope Delete	Deploy Tank Farm Electronic Procedures	AX-104 Riser Extension & Shield Plug Installation 04A Pit	Scope Delete	AX-104 Riser Extension & Shield Plug Installation 04A Pit	
	Scope Delete	External Transfers - FY16		Scope Delete	AX-104 Freeze Protection/Shield Box Installation 04A Pit	
DST to DST Transfers - FY17	Deferral	DST to DST Transfer 17DT01	AX-104 ERSS Installation in 04B Pit	Scope Delete	AX-104 ERSS Installation in 04B Pit	
	Deferral	DST to DST Transfer 17DT02		Scope Delete	AX-104 Connect HIHTL 04B Pit	
DST to DST Transfers - FY18	Deferral	DST to DST Transfer 18DT06	AX-104 ERSS Installation in 04C Pit	Scope Delete	AX-104 ERSS Installation in 04C Pit	
	Deferral	DST to DST Transfer 18DT07		Scope Delete	AX-104 Fabricate Top Hats	
	Deferral			Scope Delete	AX-102 Install Cameras & Lighting	
	Deferral			Scope Delete	AX-102 Equipment Hookup 02A Pit	
	Deferral		Scope Delete	AX-102 ERSS Installation in 02B Pit		

Attachment 3

Option Period 2 Description of Changes

Project	Contract Action	Impacted Tasks	Project	Contract Action	Impacted Tasks
DST to DST Transfers - FY18 (NIU)	Scope Delete	DST to DST Transfer 18DT06	AX-102/AX-104 Retrieval System Installation-NIU	Scope Delete	AX-102 Connect HIHTL 02B Pit
	Scope Delete	DST to DST Transfer 18DT07		Scope Delete	AX-102 Install Freeze Protection 02B Pit
	Scope Delete	DST to DST Transfer 18DT01		Scope Delete	AX-102 Equipment Hookup 02B Pit
	Scope Delete	DST to DST Transfer 18DT02		Scope Delete	AX-102 ERSS Installation in 02C Pit
	Scope Delete	DST to DST Transfer 18DT03		Scope Delete	AX-102 Connect HIHTL 02C Pit
	Scope Delete	DST to DST Transfer 18DT04		Scope Delete	AX-102 Install Freeze Protection 02C Pit
	Scope Delete	DST to DST Transfer 18DT05		Scope Delete	AX-102 Equipment Hookup 02C Pit
	Scope Delete	DST to DST Transfer 18DT08		Scope Delete	AX-102 ERSS Installation in 02D Pit
	Scope Delete	DST to DST Transfer 18DT09		Scope Delete	AX-102 Connect HIHTL 02D Pit
	Scope Delete	DST to DST Transfer 18DT10		Scope Delete	AX-102 Install Freeze Protection 02D Pit
	Scope Delete	DST to DST Transfer 18DT11		Scope Delete	AX-102 Equipment Hookup 02D Pit
	Scope Delete	DST to DST Transfer 18DT12		Scope Delete	AX-102/AX-104 Retrieval System Installation
	Scope Delete	DST to DST Transfer 18DT13		Scope Delete	AX-102 Fabricate Top Hats
	Scope Delete	DST to DST Transfer 18DT14		Scope Delete	AX-102 - Install Caustic Drop Leg
Level Rise/Surveillance - FY18 (NIU)	Scope Delete	Level Rise DST #1	Scope Delete	AX-102 Install Vapor Probe	
	Scope Delete	Level Rise Engineering Support	Scope Delete	AX-104 Install Cameras & Lighting	
242-A Evaporator Campaigns - FY18 (NIU)	Deferral	242-A Evaporator Campaign EC-12	Scope Delete	AX-104 Equipment Hookup 04A Pit	
	Deferral	242-A Evaporator Campaign EC-13	Scope Delete	AX-104 Install Freeze Protection 04B Pit	
	Deferral	242-A Evaporator Campaign EC-14	Scope Delete	AX-104 Equipment Hookup 04B Pit	
	Scope Delete	242-A Evaporator Campaign EC-10	Scope Delete	AX-104 Connect HIHTL 04C Pit	
	Scope Delete	242-A Evaporator Campaign EC-11	Scope Delete	AX-104 Install Freeze Protection 04C Pit	
Replace ETF Basin Cover 2 Project Support	Scope Delete	Replace ETF Basin Covers (Basin #3) - Design	Scope Delete	AX-104 Equipment Hookup 04C Pit	
	Scope Delete	Replace ETF Basin Covers (Basin #3) - Procurement/Fabrication	Scope Delete	AX-104 ERSS Installation in 04D Pit	
	Scope Delete	Replace ETF Basin Covers (Basin #3) - Work Package Planning	Scope Delete	AX-104 Connect HIHTL 04D Pit	
	Scope Delete	Replace ETF Basin Covers (Basin #3) - Field Work	Scope Delete	AX-104 Install Freeze Protection 04D Pit	
	Scope Delete	Replace ETF Basin Covers (Basin #3) - Demob & Closeout	Scope Delete	AX-104 Equipment Hookup 04D Pit	
ETF Brine Stabilization	Deferral	ETF Brine Stabilization Permitting and Engineering Support	AX-102/AX-104 CATS/OT P/Readiness Testing	Scope Delete	AX-102 Retrieval Startup and Readiness
ETF Stairs and Ladder Replace FW & Closeout	Deferral	ETF Stairs and Ladder Replacement - Heat Exchanger Stairs	AX-104 Retrieval Operations	Scope Delete	AX-104 Retrieval Startup and Readiness
	Deferral	ETF Stairs and Ladder Replacement - Berm Stairs		Scope Delete	AX-104 Retrieval Operations (MS)
Replacement Sample Receipt / Standards Lab	Scope Delete	Replacement Sample Receipt / Standards Laboratory Construction	AX-101/AX-103 Retrieval Procurement - ERSS	Scope Delete	AX-104 Replace Failed Extended Reach Sluicing System (ERSS)
Design for 219-S Facility Upgrades (NIU)	Scope Delete	219-S Facility Upgrades Design - 90% Design		Scope Delete	AX-101/AX-103 Retrieval Procurement - ERSS
	Scope Delete	219-S Facility Upgrades Design - Final Design	Scope Delete	AX-101/AX-103 Retrieval Procurement - Other	
	Scope Delete	219-S Facility Upgrades Design - 30% Design (Cont)	Scope Delete	AX-102/AX-104 -Subcontractor Mobilization	
Ion Chromatograph (IC)	Deferral	222-S Equipment Arrives / Vendor Payment - Ion Chromatograph (IC)	AX-102/AX-104 Retrieval System Installation	Scope Delete	AX-102/AX-104 -Field Work Labor Support Q4
	Deferral	222-S W/P Planning for Installation - Ion Chromatograph (IC)		Scope Delete	AX-102 Slurry Pump Installation 02A Pit
	Deferral	222-S Installation - Ion Chromatograph (IC)		Scope Delete	AX-102 Riser Extension & Shield Plug Installation 02A Pit
Room Renovation - 4C - Work Package Prep	Scope Delete	1J Room Renovation - Work Package Prep for Demo (High Risk)	A Farm WRS Installation Design	Scope Delete	AX-102 Freeze Protection/Shield Box Installation 02A Pit
	Scope Delete	1J Room Renovation - General GFE Procurement Supporting Demo		Scope Delete	WRS Installation Modified Sluicing Design - A-101/102
	Scope Delete	1J Room Renovation - Work Package Prep for Remodel (Low Risk)		Scope Delete	Initiate DST #2 (AP-101) WRS Installation Design - Design Basis
	Scope Delete	1J Room Renovation - General GFE Procurement Supporting Remodel		Scope Delete	Initiate DST #2 (AP-101) WRS Installation Design - Major Component Design
Room Renovation - 4C - Demo / Remodel	Scope Delete	1J Room Renovation - Remodel	A Farm Tanks Equipment Removal Design	Scope Delete	Initiate DST #2 (AP-101) WRS Installation Design - SIS Temperature Monitoring Design
	Scope Delete	1J Room Renovation - Demolition		Scope Delete	Initiate DST #2 (AP-101) WRS Installation Design - Equipment Removal/Installation Design
Increased Flow / Future Hood HVAC Study 222-S Drawings Updates - FY18 (NIU)	Scope Delete	HVAC Study for Increased Flow/Future Hoods	A Farm Tanks Equipment Removal Design	Scope Delete	WRS Installation Design - A-104/105
	Scope Delete	222-S Drawing Updates - FY18		Scope Delete	Infrastructure - Run Wire to TBxs/Install Furniture & Power-Up Control Trailer
AN Water Flush System - PP	Scope Delete	AN Water Flush System - AN-01A Jumper Replacement - Installation	A/AX Infrastructure Installation	Scope Delete	Infrastructure - Set Connex Boxes & Caustic Manifold
	Scope Delete	AN Water Flush System - AN-01A Jumper Replacement - Work Package Planning		Scope Delete	Infrastructure - Pull Power & Signal Wire
	Scope Delete	AN Water Flush System Construction Field Work		Scope Delete	Infrastructure - Pull Power & Signal Wire (CR Def)
	Scope Delete	AN Water Flush System IORPE Support During Installation		Scope Delete	Infrastructure - Conduit from AY Hand Holes to AX Hand Holes
	Scope Delete	AN Water Flush System Project Support for Planning and Installation		Scope Delete	Infrastructure - AX-101 Excavate 600', Install Conduit, Hand Holes & Backfill
AW Farm Elect Power to Inlet Breather Filters	Scope Delete	Install Electrical Power to AW Farm Inlet Breather Filters for Heat Trace	A/AX Infrastructure Installation	Scope Delete	Infrastructure - AX-103 Excavate 600', Install Conduit, Hand Holes & Backfill
TMACS Upgrade to ABB and Integration to TFMCS	Scope Delete	TMACS Upgrade to ABB and Integration to TFMCS - Project Support		Scope Delete	Infrastructure - Set Racks & HRR LDM
	Scope Delete	TMACS Upgrade to ABB and Integration to TFMCS - Design		Scope Delete	Infrastructure - Excavate, Install Conduit, Pull Wire & Backfill for Power Outside Farm
	Scope Delete	TMACS Upgrade to ABB and Integration to TFMCS - Procurement		Scope Delete	Infrastructure - Excavate, Install Conduit, Pull Wire & Backfill for Power Inside Farm
	Scope Delete	TMACS Upgrade to ABB and Integration to TFMCS - Work Package Planning		Scope Delete	Infrastructure - AY Farm Lighting/Camera Pull/Test Power & Signal Wires & Connect Cameras
	Scope Delete	TMACS Upgrade to ABB and Integration to TFMCS - Field Work		Scope Delete	Infrastructure - Infrastructure - AY Farm Lighting/Camera Underground Work
	Scope Delete	TMACS Upgrade to ABB and Integration to TFMCS - Startup/Readiness/Turnover		Scope Delete	Infrastructure - AZ Farm Lighting/Camera Pull/Test Power & Signal Wires & Connect Cameras
In-Pit Heating Installation	Scope Delete	In-Pit Heating Work Package Planning (Pit #22)		Scope Delete	Infrastructure - AZ Farm Lighting/Camera Underground Work
	Scope Delete	In-Pit Heating Installation (Pit #22)		Scope Delete	Infrastructure - AX Farm Lighting/Camera Pull/Test Power & Signal Wires & Connect Cameras
	Scope Delete	In-Pit Heating Work Package Closeout (Pit #22)		Scope Delete	Infrastructure - A Farm Lighting/Camera Underground Work
	Scope Delete	In-Pit Heating Work Package Planning (Pit #23)	Scope Delete	Infrastructure - A Farm Lighting/Camera Pull/Test Power & Signal Wires & Connect Cameras	
	Scope Delete	In-Pit Heating Installation (Pit #23)	Scope Delete	Infrastructure - Pull/Test Wire 13.8kv Power Distribution & Connect Cameras & Lights Inside Farm	
	Scope Delete	In-Pit Heating Work Package Closeout (Pit #23)	Scope Delete	Infrastructure - Install Poles & Underground 13.8kv Power Distribution Inside Farm (MSA???)	

Attachment 3

Option Period 2 Description of Changes

Project	Contract Action	Impacted Tasks	Project	Contract Action	Impacted Tasks
In-Pit Heating Detailed Design	Scope Delete	In-Pit Heating: As-Built ECNs (Pit #22)		Scope Delete	Infrastructure - Pull Wires to Power Distribution & Control Trailer for AX-104
	Scope Delete	In-Pit Heating: As-Built ECNs (Pit #23)	A/AX Infra Install - A/E Supt During Construct	Deferral	A/AX Infra Install - A/E Supt During Construct
DST Light Upgrades (Project Support)	Scope Delete	AP Lighting Upgrades - Project Support	A/AX Infrastructure Startup and Readiness	Scope Delete	A/AX Infrastructure (Water and Utilities) Startup / Readiness "CR DEF"
	Scope Delete	AW Lighting Upgrades - Project Support	A/AX DST 1 Installation	Scope Delete	DST #1 - AX101 / 103 Diversion Box to Splitter Box HIHTL Install
	Scope Delete	DST Lighting Upgrades (AN Farm) - Project Support		Scope Delete	DST #1 - AX101 / 103 Diversion Box Assembly Install
DST Light Upgrades (Design)	Scope Delete	AP Lighting Upgrades - Design	A/AX DST #1 Startup and Readiness	Scope Delete	A/AX DST #1 Startup / Readiness
	Scope Delete	AW Lighting Upgrades - Design	A/AX Personnel Office Trailers - PP	Scope Delete	A/AX Personnel Office Trailers - PP
	Scope Delete	DST Lighting Upgrades (AN Farm) - Design	A/AX Office Trailers-WP Develop/CM Admin - PP	Scope Delete	A/AX Office Trailers-WP Develop/CM Admin - PP
DST Light Upgrades (Procure and Installation)	Scope Delete	AP Lighting Upgrades - Procurement/Installation	A/AX Trailer Demo and Facility Upgrades - PP	Scope Delete	A/AX Trailer Demo and Facility Upgrades - PP
	Scope Delete	AW Lighting Upgrades - Procurement/Installation	A/AX Personnel Trailers - North Complex	Scope Delete	A/AX Personnel Trailers - North Complex
	Scope Delete	DST Lighting Upgrades (AN Farm) - Procurement/Fabrication	A/AX Infrastructure Replacement - Central	Scope Delete	A/AX Infrastructure Replacement - Central
	Scope Delete	DST Lighting Upgrades (AN Farm) - Work Package Planning	A/AX Infrastructure Replacement - North	Scope Delete	A/AX Infrastructure Replacement - North
	Scope Delete	DST Lighting Upgrades (AN Farm) - Field Work	A/AX Bathroom Trailer & Connex Boxes	Scope Delete	A/AX Bathroom Trailer & Connex Boxes
	Scope Delete	DST Lighting Upgrades (AN Farm) - Startup/Readiness/Turnover	A/AX Farms Retrieval Preventive Maintenance	Scope Delete	A/AX Farms Maintenance Preventative Maintenance
242-A Safety System Upgrades PM and Support	Scope Delete	242-A Safety System Upgrades - Project Management & Support	A/AX Farms Retrieval Corrective Maintenance	Scope Delete	A/AX Farms Maintenance 3rd Quarterly Corrective Maintenance
242-A Safety System Upgrades Engineering Design	Scope Delete	242-A Safety System Upgrades - Construction		Scope Delete	A/AX Farms Maintenance 4th Quarterly Corrective Maintenance
	Scope Delete	242-A Safety System Upgrades - Engineering Design	A/AX Farms Radiological Surveillance - FY18 PP	Scope Delete	A/AX Farms Radiological Surveillance - FY18 PP
242-A Safety System Upgrades Procurements	Scope Delete	242-A Safety System Upgrades - Procurements	A/AX Rapid Response Maint Team	Scope Delete	A/AX Rapid Response Maint Team
242-A Safety System Upgrades Safety Basis Update	Scope Delete	242-A Safety System Upgrades - Safety Basis Update	A/AX Rapid Response Maint Team - FY18 PP	Scope Delete	A/AX Rapid Response Maint Team - FY18 PP
242-A Safety System Upgrades Construction	Scope Delete	242-A Safety System Upgrades - Construction	A/AX RRMT - Procurement	Scope Delete	A/AX RRMT - Procurement
242-A Safety System Upgrades Testing & TO	Scope Delete	242-A Safety System Upgrades - Testing/Readiness/Turnover	A/AX RRMT - Procurement - FY18 PP	Scope Delete	A/AX RRMT - Procurement - FY18 PP
Slurry Distributor Installation in AP Farm	Scope Delete	Slurry Distributor Installation in AP-01A	A-Farm Equip Removal & Disposal - Above Grade	Scope Delete	A-Farm Equip Removal & Disposal - Above Grade
	Scope Delete	Slurry Distributor Installation in AP-07A	A-Farm Ventilation Procurement PP	Scope Delete	A-Farm Eq Rem & Dsp -Above Grd-WP Dev & CM Admin
	Scope Delete	Slurry Distributor Installation in AP-08A	A-Farm Vent Install PP	Deferral	A-Farm Ventilation Procurement PP
	Scope Delete	T-Handle Removal and Installation of Shield Plugs in AP-103 and AP-104	A-Farm Vent Instal - WP Develop & CM Admin - PP	Scope Delete	A-Farm Ventilation Installation of New Exhausters
242-A Process Cond. Samp. Project Support	Deferral	242-A Process Condensate Sampling Station Project Management & Support	A-Farm Vent Instal - WP Develop & CM Admin - PP	Scope Delete	A-Farm Vent Instal - WP Develop & CM Admin FY18
	Deferral	242-A Rad Monitors Upgrade Project Management & Support	Waste Feed Delivery Plan Vol. 1, 2, & 3 (FY18)	Deferral	Waste Feed Delivery Plan Vol. 1, 2, & 3 (FY18)
242-A Process Cond. Samp. Station - WP & Const.	Deferral	242-A Process Condensate Sampling Station Planning & Installation (Moved from .01)		Deferral	Obtain New Computer for Project Flowsheets
	Deferral	242-A Rad Monitors Upgrade Planning & Installation	Project Flowsheets Subcontract	Deferral	Procure GProms Support for Flowsheets
	Deferral	242-A Process Condensate Sampling Station Startup & Test (Moved from .01)		Deferral	Procure six (6) FY18 GProms Licenses for Flowsheets
242-A Process Cond. Samp. Station Test & TO	Deferral	242-A Rad Monitors Upgrade Startup & Test		Deferral	Procure FY18 OLI Licenses for Flowsheets
	Deferral	242-A Process Condensate Sampling Station Readiness & Turnover (Moved from .01)	Project Flowsheets Subcontract (FY18)	Deferral	Attend PSE Training for Flowsheets
	Deferral	242-A Rad Monitors Upgrade Readiness & Turnover		Deferral	Project Flowsheets Subcontract (FY18)
242-A Replacement of Instrument Air Dryer Syst	Deferral	242-A Replacement of Instrument Air Dryer System - Project Support		Deferral	AP-105 Upgrades to Support DFLAW - Field Execution Support
242-A Replacement of Instr. Air Dryer Design	Deferral	242-A Replacement of Instrument Air Dryer System - Design SOW		Deferral	AP-105 Upgrades to Support DFLAW - Work Package Planning High
	Deferral	242-A Replacement of Instrument Air Dryer System - Design		Deferral	AP-105 Upgrades to Support DFLAW - Mock-Up
242-A Replace Instr. Air Dryer Syst Procure	Deferral	242-A Replacement of Instrument Air Dryer System - Procurement	AP-105 Upgrades to Support DFLAW Fab & Fieldwork	Deferral	AP-105 Upgrades to Support DFLAW - Construction Training
242-A Replace Instr. Air Dryer Syst Plan/Removal	Deferral	242-A Replacement of Instrument Air Dryer System - Work Package Planning and Removal		Deferral	AP-105 Upgrades to Support DFLAW - AP-05A Pit Upgrades Field Work/Installation
242-A Replace Instr. Air Dryer Syst Install/TO	Deferral	242-A Replacement of Instrument Air Dryer System - Field Work		Deferral	AP-105 Upgrades to Support DFLAW - AP-05A Pit Upgrades Procurements
	Deferral	242-A Replacement of Instrument Air Dryer System - Startup/Turnover		Deferral	AP-105 Upgrades to Support DFLAW - AP-05A Pit Upgrades Leak Check
SY Exhauster Upgrades Procurement	Scope Delete	SY Exhauster Upgrades - FY17 Receipt of Fabricated Equipment	Design/Procure Initial ILAW Transporter (FY18)	Deferral	Procure/Fabricate ILAW Transporter/Tractor
	Scope Delete	SY Exhauster Upgrades - Excavate / Place Concrete Phase 1		Deferral	Update Affiliate Agreement
	Scope Delete	SY Exhauster Upgrades - Excavation/Skid/Steel Placement		Deferral	Prepare Fabrication Procurement Documents
	Scope Delete	SY Exhauster Upgrades - Work Planning	ILAW Transporter Prototype Fabrication	Deferral	Issue Fabrication RFP
SY Exhauster Upgrades Plan and Install	Scope Delete	SY Exhauster Upgrades - Work Planning FY18		Deferral	Evaluate Bids & Award Fabrication Scope
	Scope Delete	SY Exhauster Upgrades - Upgrade Exhauster Software System		Deferral	Finalize Fabrication Contract
	Scope Delete	SY Exhauster Upgrades - Excavate / Place Concrete Phase 2	Packaging Authorization for Sec. Solid Waste FY18	Scope Delete	Packaging Authorization for Sec. Solid Waste FY18
	Scope Delete	SY Exhauster Upgrades - Electrical Work Phase 1	CSWM Project Management (FY18)	Scope Delete	CSWM Project Management (FY18)
	Scope Delete	SY Exhauster Upgrades - Receipt of Wireless Components	WT P PEP Storage & Maintenance	Scope Delete	PEP Storage & Maintenance - FY18
SY Exhauster Upgrades Test and Turnover	Scope Delete	SY Exhauster Upgrades - Turnover & Demo		Scope Delete	PEP Storage & Maintenance - FY17
SY Exhauster Upgrades FY18 Field Work	Scope Delete	SY Exhauster Upgrades - Installation of Ventilation System	WFE Laboratory Scale Implementation	Scope Delete	WFE Laboratory Scale Implementation
SY Exhauster Upgrades Project Mgmt GPP	Scope Delete	SY Exhauster Upgrades - Project Support (Phase 2)	WFE Technology Maturation	Scope Delete	WFE Technology Maturation
702-AZ Ventilation System Software Upgrade	Scope Delete	702-AZ Ventilation System Software Upgrade - Project Support	Alternatives Eng and Dev. - Subcontracts (FY18)	Scope Delete	Alternatives Eng and Dev. - Subcontracts (FY18)
	Scope Delete	702-AZ Ventilation System Software Upgrade - Software Design			
	Scope Delete	702-AZ Ventilation System Software Upgrade - Field Work			
	Scope Delete	702-AZ Ventilation System Software Upgrade - Testing & Closeout			
DST Transfer Pump Replacement FY18 Proj. Support	Deferral	DST Transfer Pump Replacement (Tank #3) - Design			
	Deferral	DST Transfer Pump Replacement (Tank #3) - Procurement/Fabrication			
	Deferral	DST Transfer Pump Replacement (Tank #3) - Work Package Planning			
	Deferral	DST Transfer Pump Replacement (Tank #3) - Field Work			
	Deferral	DST Transfer Pump Replacement (Tank #3) - Startup/Readiness/Turnover			
	Deferral	DST Transfer Pump Replacement - Project Support (FY18)			
	Scope Delete	DST Transfer Pump Replacement (Tank #4) - Design			
	Scope Delete	DST Transfer Pump Replacement (Tank #4) - Procurement/Fabrication			
	Scope Delete	DST Transfer Pump Replacement (Tank #4) - Work Package Planning			
	Scope Delete	DST Transfer Pump Replacement (Tank #4) - Field Work			
	Scope Delete	DST Transfer Pump Replacement (Tank #4) - Startup/Readiness/Turnover			

Attachment 4

FY19 Description of Changes

Project	Contract Action	Impacted Tasks	Project	Contract Action	Impacted Tasks		
Core Sample #1 (FY16)	Deferral	Core Sampling - FY17 1st (Field Work - Demob & Closeout)	SST Integrity Visual Insp. - Procure (FY18)	Deferral	Single Shell Tanks Visual Inspections - Receipt of Equipment (FY18)		
	Deferral	Core Sampling - FY17 1st (Field Work - Sample & Ship to Labs)		Deferral	Single Shell Tanks Visual Inspections - Receipt of Remaining Equipment (FY18)		
	Deferral	Core Sampling - FY17 1st (Field Work - Setup)		Deferral	Encasement Pressure Check (FY18 Pit #4) - Work Package Planning		
Core & Grab Tank Sampling Analysis Plans (TSAPs)	Deferral	Core Sampling - FY17 1st (Develop TSAP)	DST Xfer Sys Encsmnt Integrity Checks (FY18)	Deferral	Encasement Pressure Check (FY18 Pit #4) - Field Work		
	Deferral	Core Sampling - FY17 1st (Review/Approve TSAP)		Deferral	Encasement Pressure Check (FY18 Pit #4) - Demob & Closeout		
	Deferral	Core Sampling - FY18 1st (Develop TSAP)		Deferral	Encasement Pressure Check (FY18 Pit #5) - Work Package Planning		
	Deferral	Core Sampling - FY18 1st (Review/Approve TSAP)		Deferral	Encasement Pressure Check (FY18 Pit #5) - Field Work		
	Deferral	Core Sampling - FY17 1st (Receipt of Core Barrels - 5x)		Deferral	Encasement Pressure Check (FY18 Pit #5) - Demob & Closeout		
Core & Grab Sampling - Materials	Deferral	Core Sampling - FY17 1st (Receipt of Liners - 25x)		Deferral	Encasement Pressure Check (FY18 Pit #6) - Work Package Planning		
	Deferral	Core Sampling - FY17 1st (Receipt of Materials)		Deferral	Encasement Pressure Check (FY18 Pit #6) - Field Work		
	Deferral	Core Sampling - FY17 1st (Receipt of Samplers - 25x)		Deferral	Encasement Pressure Check (FY18 Pit #6) - Demob & Closeout		
	Deferral	Grab Sampling - FY17 6th (Field Work)		Deferral	Encasement Pressure Check (FY18 Pit #7) - Work Package Planning		
Grab Sampling FY17	Deferral	Core Sampling - FY18 1st (Work Package Planning)		Deferral	Encasement Pressure Check (FY18 Pit #7) - Field Work		
	Deferral	Core Sampling - Rotary Mode Procedures and Operational Readiness Checklist		Deferral	Encasement Pressure Check (FY18 Pit #7) - Demob & Closeout		
	Deferral	Core Sampling - Rotary Mode Readiness Assessment and Training		DST Enhanced Visual Inspections - Receipt of Equipment (FY18)	Deferral	DST Enhanced Visual Inspections - Receipt of Equipment (FY18)	
Core Sampling	Deferral	Core Sampling - FY17 2nd (Work Package Planning)		Deferral	Tank Testing FY18 (DNV)		
	Deferral	Core Sampling - FY17 2nd (Field Work - Setup)		219-S Integrity Assessment-Proj Mgmt & Oversight	Deferral	219-S Integrity Assessment - Project Management Support & Oversight	
	Deferral	Core Sampling - FY17 2nd (Field Work - Sample & Ship to Labs)		219-S Integrity Assessment - Visual Inspections	Deferral	219-S Integrity Assessment - Field Work - Tank Visual Inspections (TK-101, TK-102, & TK-104)	
	Deferral	Core Sampling - FY17 2nd (Field Work - Demob & Closeout)	219-S Integrity Assessment - Ultrasonic Testing	Deferral	219-S Integrity Assessment - Work Package Closeout - Tank Visual Inspections (TK-101, TK-102, & TK-104)		
	Deferral	Sampling Equipment - Receipt of Generator	219-S Integrity Assessment - Ultrasonic Testing	Deferral	219-S Integrity Assessment - Field Work - Ultrasonic Testing (TK-101, TK-102, & TK-104)		
Sampling Equipment	Deferral	Sampling Equipment - Receipt of Water Skid	Waste Operations - OP2	Deferral	219-S Integrity Assessment - Work Package Closeout - Ultrasonic Testing (TK-101, TK-102, & TK-104)		
	Deferral	ORSS Sampling and Analysis - A-104		Deferral	219-S Integrity Assessment - Analysis - Statistical Analysis of Ultrasonic Testing Data		
ORSS Sampling	Deferral	ORSS Sampling and Analysis - A-105	Deferral	219-S Integrity Assessment - Receive Ultrasonic Testing Equipment			
	Deferral	Core Sampling - FY18 1st (Receipt of Core Barrels - 5x)	Deferral	Waste Operations - 60 Trailer for Long Length Equipment			
Grab Sampling - Materials	Deferral	Core Sampling - FY18 1st (Receipt of Liners - 25x)	In-tank Camera Storage, Maint, Decon Bldg/Trailr	Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailr - Project Support		
	Deferral	Core Sampling - FY18 1st (Receipt of Samplers - 25x)		Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailr - Design		
	Deferral	Core Sampling - FY18 2nd (Receipt of Core Barrels - 5x)		Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailr - Procurement		
	Deferral	Core Sampling - FY18 2nd (Receipt of Liners - 25x)		Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailr - Work Package Planning		
	Deferral	Core Sampling - FY18 2nd (Receipt of Materials)		Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailr - Construction		
	Deferral	Core Sampling - FY18 2nd (Receipt of Samplers - 25x)	CCP, Fall Protection Prog-Structural Roof Anal	Deferral	In-Tank Camera Storage, Maint, Decon Bldg/Trailr - Turnover & Closeout		
	Deferral	Core Sampling - FY18 1st (Receipt of Materials)		Deferral	CCP, Fall Protection Prog-Structural Roof Anal		
	Deferral	Core Sampling - FY18 2nd (Field Work - Sample & Ship to Labs)		Deferral	CCP, Fall Protection Prog-Structural Roof Anal (Apr-Sept)		
	Deferral	Core Sampling - FY18 2nd (Field Work - Setup)		Deferral	Define Evaporator Turnover Checklist Requirements		
	Deferral	Core Sampling - FY18 2nd (Review/Approve TSAP)		Deferral	Perform Acceptance Testing for Evaporator Turnover Checklist		
	Core Sampling (FY18)	Deferral	Core Sampling - FY18 2nd (Work Package Planning)	Evaporator Operations Turnover Checklist	Deferral	Prepare Software Development for Evaporator Turnover Checklist	
		Deferral	Core Sampling - FY18 2nd (Develop TSAP)	Implement Selected Facility eTools (242-A Evap)	Deferral	Turnover Evaporator Checklist to Production Operations	
		Deferral	Core Sampling - FY18 2nd (Field Work - Demob & Closeout)		Deferral	Implement Selected Facility eTools (242-A Evaporator)	
		Deferral	Core Sampling - FY18 1st (Field Work - Demob & Closeout)		Deferral	DST to DST Transfer 18DT06	
		Deferral	Core Sampling - FY18 1st (Field Work - Sample & Ship to Labs)		Deferral	DST to DST Transfer 18DT07	
Deferral		Core Sampling - FY18 1st (Field Work - Setup)	Deferral		242-A Evaporator Campaign EC-12		
DST Enhanced Annulus Visual Inspections (FY16)		Deferral	Work Package Preparation - Tank #14 (Initial # 22)	242-A Evaporator Campaigns - FY18 (NIU)	Deferral	242-A Evaporator Campaign EC-13	
		Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #14	ETF Brine Stabilization	Deferral	242-A Evaporator Campaign EC-14	
		Deferral	Report and Closeout - Tank #14 (Initial # 22)		Deferral	ETF Brine Stabilization Permitting and Engineering Support	
		Deferral	Work Package Preparation - Tank #15 (Initial # 23)		Deferral	ETF Stairs and Ladder Replacement - Heat Exchanger Stairs	
	Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #15	Deferral		ETF Stairs and Ladder Replacement - Berm Stairs		
	Deferral	Report and Closeout - Tank #15 (Initial # 23)	242-A Replacement of Instrument Air Dryer Syst		Deferral	ETF Stairs and Ladder Replacement - Berm Stairs	
	DST Transfer Pump Replacement FY18 Proj. Support	Deferral	Work Package Preparation - Tank #16 (Initial # 24)	242-A Replacement of Instr. Air Dryer Design	Deferral	242-A Replacement of Instrument Air Dryer System - Project Support	
		Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #16	242-A Replace Instr. Air Dryer Syst Procure	Deferral	242-A Replacement of Instrument Air Dryer System - Design SOW	
		Deferral	Report and Closeout - Tank #16 (Initial # 24)	242-A Replace Instr. Air Dryer Syst Plan/Removal	Deferral	242-A Replacement of Instrument Air Dryer System - Design	
		Deferral	Work Package Preparation - Tank #17 (Initial # 25)	242-A Replace Instr. Air Dryer Syst Install/TO	Deferral	242-A Replacement of Instrument Air Dryer System - Procurement	
		Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #17	DST Transfer Pump Replacement (Tank #3) - Design	Deferral	242-A Replacement of Instrument Air Dryer System - Work Package Planning and Removal	
		Deferral	Report and Closeout - Tank #17 (Initial # 25)		Deferral	242-A Replacement of Instrument Air Dryer System - Field Work	
		Deferral	Work Package Preparation - Tank #18 (Initial # 26)		Deferral	242-A Replacement of Instrument Air Dryer System - Startup/Turnover	
		Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #18		Deferral	DST Transfer Pump Replacement (Tank #3) - Design	
		Deferral	Work Package Preparation - Tank #19 (Initial #27)		Deferral	DST Transfer Pump Replacement (Tank #3) - Procurement/Fabrication	
		242-A Raw Water Service Bldg / Equip Replacement	Deferral	Report and Closeout - Tank #18 (Initial # 26)	DST Transfer Pump Replacement FY18 Proj. Support	Deferral	DST Transfer Pump Replacement (Tank #3) - Work Package Planning
			Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #19		Deferral	DST Transfer Pump Replacement (Tank #3) - Field Work
			Deferral	Report and Closeout - Tank #19 (Initial #27)		Deferral	DST Transfer Pump Replacement (Tank #3) - Startup/Readiness/Turnover
			Deferral	Work Package Preparation - Tank #20 (Initial #28)		Deferral	DST Transfer Pump Replacement - Project Support (FY18)
			Deferral	Field Work (Mobilize/Abate/Video/Demob) - Tank #20		Deferral	242-A Raw Water Service Bldg / Equip Replacement - Project Support
DNFSB-2012-2 Streamlined Appr to SS Vent			Deferral	Work Package Preparation - Tank #21 (Re-perform #2)	242-A Raw Water Service Bldg / Equip Replacement	Deferral	242-A Raw Water Service Bldg / Equip Replacement - Design
	Deferral		Field Work (Mobilize/Abate/Video/Demob) - Tank #21	Deferral		242-A Raw Water Service Bldg / Equip Replacement - Procurement	
	Deferral		Report and Closeout - Tank #21 (Re-perform #2)	Deferral		242-A Raw Water Service Bldg / Equip Replacement - Work Package Planning	
	Deferral		Work Package Preparation - Tank #22 (Re-perform #3)	Deferral		242-A Raw Water Service Bldg / Equip Replacement - Field Work	
	Deferral		Field Work (Mobilize/Abate/Video/Demob) - Tank #22	Deferral		242-A Raw Water Service Bldg / Equip Replacement - Turnover & Closeout	
DNFSB-2012-2 Streamlined Approach to SS Vent. - Preliminary Design	Deferral	Report and Closeout - Tank #22 (Re-perform #3)	DNFSB-2012-2 Streamlined Approach to SS Vent. - Project Support FY18	Deferral	DNFSB-2012-2 Streamlined Approach to SS Vent. - Project Support FY18		
	Deferral	Report and Closeout - Tank #22 (Re-perform #3)	Deferral	DNFSB-2012-2 Streamlined Approach to SS Vent. - Preliminary Design			

Attachment 4
FY19 Description of Changes

Guided Wave (NDE) - DST Integrity	Deferral	DST Integrity Improvement Plan - Guided Wave NDE - Deploy in Field	222-S Lab Fire Alarm System Upgrades-Proj Spprt	Deferral	Fire Alarm System - Project Support 222-S Lab Design
	Deferral	DST Integrity Improvement Plan - Guided Wave NDE - Final Report		Deferral	Fire Alarm System 222-S Lab 60% Design
	Deferral	Caustic Addition #1(FY18) - Procedure Revision and Caustic Analysis	222-S Lab Fire Alarm System Upgrades-Design	Deferral	Fire Alarm System 222-S Lab 90% Design
	Deferral	Caustic Addition #1(FY18) - Field Mobilization and Equipment Setup		Deferral	Fire Alarm System 222-S Lab Final Design
	Deferral	Caustic Addition #1(FY18) - Receipt of Caustic Solution		Deferral	Auto Sampler Enhancement Assembly
	Deferral	Caustic Addition #1(FY18) - Perform Caustic Solution Addition	New Vapor Detection Tech - Subcontract	Deferral	Auto Sampler Enhancement Receipt
	Deferral	Caustic Addition #2(FY18) - Procedure Revision and Caustic Analysis		Deferral	CVAP - New Vapor Technology Technical Support FY18
	Deferral	Caustic Addition #2(FY18) - Field Mobilization and Equipment Setup	Head Space & Stack Sampling - Support	Deferral	Sample Tank Head Space FY18 - Field Sample 1
	Deferral	Caustic Addition #2(FY18) - Receipt of Caustic Solution	Head Space & Stack Sampling - Material	Deferral	Receive FY18 Head Space Sampling Media Procurements
	Deferral	Caustic Addition #2(FY18) - Perform Caustic Solution Addition	VMDS Upgrades Support	Deferral	Farm Stack Monitoring Readiness/Testing/Turnover
	Deferral	Caustic Addition #3(FY18) - Procedure Revision and Caustic Analysis		Deferral	Corridor Monitoring Draft Design AW/A/AX/AY/AZ/AN
	Deferral	Caustic Addition #3(FY18) - Field Mobilization and Equipment Setup	VMDS Upgrades Subcontract	Deferral	Corridor Monitoring Final Design AW/A/AX/AY/AZ/AN
	Deferral	Caustic Addition #3(FY18) - Receipt of Caustic Solution	SST Automation Project Management Support	Deferral	SST Automation PM Support - FY18
	Deferral	Caustic Addition #3(FY18) - Perform Caustic Solution Addition		Deferral	SST Automation Upgrades - Work Package Planning (Plant Forces Work Review)
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Analysis Report #1 (Test Samples: Up to 3 Total)		Deferral	SST Automation Upgrades - Receipt of Procurement
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Analysis Report #2 (Test Samples: Up to 3 Total)		Deferral	SST Automation Upgrades - Installation
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Test Plan #1 (Test Samples: Up to 3 Total)	SST Farm #1 Automation	Deferral	SST Automation Upgrades - CAT
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Forensics Test Plan #2 (Test Samples: Up to 3 Total)		Deferral	SST Automation Upgrades - Work Package Closeout
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Perform Forensics Analysis #1 (Test Samples: Up to 3 Total)		Deferral	SST Automation Upgrades - Startup, Readiness, Turnover
	Deferral	Waste Transfer System Inspection and Laboratory Analysis - Perform Forensics Analysis #2 (Test Samples: Up to 3 Total)	Residual Volume Measurement System	Deferral	Residual Volume Measurement System
	Deferral	Waste Trnsfr System Inspection and Lab Analysis - Forensics Test Plan FY18#1 (Test Samples: Up to 3x total)	Mechanical Waste Gathering Tool Design	Deferral	Mechanical Waste Gathering Tool Deployment 30% Design
	Deferral	Waste Trnsfr System Inspection and Lab Analysis - Perform Forensics Analysis FY18#1 (Test Samples: Up to 3x total)		Deferral	Mechanical Waste Gathering Tool Deployment 60% Design
	Deferral	Waste Trnsfr System Inspection and Lab Analysis - Forensics Analysis Report FY18#1 (Test Samples: Up to 3x total)	Regulatory Document Support and Devl (FY18)	Deferral	Regulatory Document Support and Devl (FY18)
	Deferral	Waste Trnsfr System Inspection and Lab Analysis - Forensics Test Plan FY18#2 (Test Samples: Up to 3x total)	C-105 Retrieval Data Report	Deferral	C-105 Retrieval Data Report
	Deferral	Waste Trnsfr System Inspection and Lab Analysis - Perform Forensics Analysis FY18#2 (Test Samples: Up to 3x total)	DOE 435.1 Closure Plan (FY18)	Deferral	DOE 435.1 Closure Plan (FY18)
	Deferral	Waste Trnsfr System Inspection and Lab Analysis - Forensics Analysis Report FY18#2 (Test Samples: Up to 3x total)	TPA/RCRA Closure Plans (FY18)	Deferral	TPA/RCRA Closure Plans (FY18)
SST Integrity Visual Inp. - Procure FY17	Deferral	Single Shell Tanks Visual Inspections - Receipt of Equipment (FY17)	Document PA Assessment for WMA C (FY18)	Deferral	Document PA Assessment for WMA C (FY18)
	Deferral	Encasement Pressure Check (FY17 Pit #3) - Work Package Planning	244 CR Vault Tanks Project Management	Deferral	244 CR Vault Tanks Pre-Ret. Samp/Analysis
	Deferral	Encasement Pressure Check (FY17 Pit #3) - Field Work	244 CR Vault Tanks Pre-Ret. Samp/Analysis	Deferral	244 CR Vault Tanks Pre-Ret. Samp/Analysis
	Deferral	Encasement Pressure Check (FY17 Pit #3) - Demob & Closeout		Deferral	A - Farm Exhauster Pad Install - Exhauster Install
	Deferral	Encasement Pressure Check (FY17 Pit #4) - Work Package Planning	A-Farm Infrastructure - Ventilation - Exhauster	Deferral	A - Farm Exhauster Pad Install - Demoblize
	Deferral	Encasement Pressure Check (FY17 Pit #4) - Field Work		Deferral	A - Farm Exhauster Pad Install - Mobilize to Initiate Exhauster Installation
	Deferral	Encasement Pressure Check (FY17 Pit #4) - Demob & Closeout	A-Farm Ventilation Procurement PP	Deferral	A-Farm Ventilation Procurement PP
	Deferral	Encasement Pressure Check (FY17 Pit #5) - Work Package Planning	Waste Feed Delivery Plan Vol. 1, 2, & 3 (FY18)	Deferral	Waste Feed Delivery Plan Vol. 1, 2, & 3 (FY18)
	Deferral	Encasement Pressure Check (FY17 Pit #5) - Field Work		Deferral	AP-105 Upgrades to Support DFLAW - Field Execution Support
	Deferral	Encasement Pressure Check (FY17 Pit #5) - Demob & Closeout		Deferral	AP-105 Upgrades to Support DFLAW - Work Package Planning High
FFS-Simulant Valve Testing FY17-18	Deferral	FFS Simulant Valve Testing - FY18 Test Setup Storage		Deferral	AP-105 Upgrades to Support DFLAW - Mock-Up
	Deferral	Miscellaneous Underground Storage Tanks Visual Inspection (Phase 1) - Work Package Planning (3x Tanks)	AP-105 Upgrades to Support DFLAW Fab & Fieldwork	Deferral	AP-105 Upgrades to Support DFLAW - Construction Training
	Deferral	Miscellaneous Underground Storage Tanks Visual Inspections (Phase 1) - Perform Visual Inspection (3x Tanks)		Deferral	AP-105 Upgrades to Support DFLAW - AP-05A Pit Upgrades Field Work/Installation
	Deferral	Miscellaneous Underground Storage Tanks Visual Inspections (Phase 1) - Report and Closeout (3x Tanks)		Deferral	AP-105 Upgrades to Support DFLAW - AP-05A Pit Upgrades Procurements
	Deferral	Miscellaneous Underground Storage Tanks Support to Visual Inspections		Deferral	AP-105 Upgrades to Support DFLAW - AP-05A Pit Upgrades Leak Check
	Deferral	Miscellaneous Underground Storage Tanks Intrusion Plan Development			
	Deferral	Miscellaneous Underground Storage Tanks Program Plan Development			
	Deferral	Perf UT Exam - FY18 Tank#2 - Work Package Preparation			
	Deferral	Perf UT Exam - FY18 Tank#2 - Ultrasonic Testing			
	Deferral	Perf UT Exam - FY18 Tank#2 - Report and Work Package Closeout			
	Deferral	Perf UT Exam - FY18 Tank#3 - Work Package Preparation			
	Deferral	Perf UT Exam - FY18 Tank#3 - Ultrasonic Testing			
	Deferral	Perf UT Exam - FY18 Tank#3 - Report and Work Package Closeout			