

TRI-PARTY AGREEMENT

Change Notice Number TPA-CN- 0913	TPA CHANGE NOTICE FORM	Date: 4/28/2021
Document Number, Title, and Revision: DOE/RL-2017-64, <i>Post Remedial Investigation Waste Control Plan and Removal Action Waste Management Plan for the 200-BP-5 Groundwater Operable Unit</i> , Rev. 0		Date Document Last Issued: 3/2020
Approved Change Notices Against this Document: TPA-CN-0847, TPA-CN-0903		
Originator: Greg Thomas		Phone: 373-3907

Description of Change:

DOE/RL-2017-64 is amended to add two wells to Table A-1 (299-E27-28 and 299-E33-283) and update revised plan references.

 M. Cline and K. Welsch agree that the proposed change
DOE **Lead Regulatory Agency**
 modifies an approved workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*, and not Chapter 12.0, *Changes to the Agreement*.

Table A-1 was modified to include Wells 299-E27-28 and 299-E33-283. Well 299-E33-283 is a replacement well for 299-E33-272 and will be drilled in fiscal year 2021. Well 299-E27-28 is a planned WMA C well, identified as WMA_C_PW-2 in DOE/RL-2019-74, *Interim Status Groundwater Quality Assessment Plan for the Single-Shell Tank System*, to be drilled in the near future. Both wells will be added to the *Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA)*, *Resource Conservation and Recovery Act (RCRA)* at LLBG-WMA-1 and *Atomic Energy Act* groundwater-monitoring networks, respectively.

Modified RCRA plan references in Table A-1 to reflect document changes since 2020. Superscript additions were added to well names in Table A-1 where required.

Additions are shown using double underline. Deletions are showing using ~~strikeout~~.

Note: Include affected page number(s): A-1, A-2, and A-3

Justification and Impacts of Change:

Well 299-E33-283 is required as a downgradient well for the revised LLBG-WMA-1 monitoring network and will be added to the LLBG WMA-1 permit and will be incorporated into the 200-BP-5 CERCLA groundwater Operable Unit (OU) monitoring network and *Atomic Energy Act* monitoring well network. Well 299-E27-28 is required as a downgradient well for the revised WMA-C monitoring network and will be added to the WMA-C permit and will be incorporated into the 200-BP-5 CERCLA groundwater Operable Unit (OU) monitoring network and *Atomic Energy Act* monitoring well network.

Approvals:

Michael W. Cline

Digitally signed by Michael W. Cline
Date: 2021.04.29 10:18:43 -07'00'

Approved Disapproved

DOE Project Manager

Date

Approved Disapproved

EPA Project Manager

Digitally signed by Welsch, Kim (ECY)
Date: 2021.04.29 10:23:05 -07'00'

Date

Approved Disapproved

Ecology Project Manager

Date

Table A-1. 200-BP-5 Well List

Well No.	Well No.	Well No.
299-E24-25 a,e	299-E28-5 a,b,e	299-E33-12 c,e
299-E26-8 c,e	299-E28-6 a,b,e	299-E33-13 b
299-E26-10 a,b,e	299-E28-7 a,e	299-E33-14 a,b,e
299-E26-11 a,b,e	299-E28-8 a,b,e	299-E33-15 a,b,e
299-E26-14 a,e	299-E28-9 a,b,e	299-E33-16 a,b,e
299-E26-15 a	299-E28-11 e	299-E33-17 a,b,e
299-E26-77 e	299-E28-13 a,e	299-E33-20 a,b,e, g
299-E26-79 a,e	299-E28-14 b	299-E33-21 b,e
299-E26-81 a,f	299-E28-15 e	299-E33-26 b
299-E27-4 b,e	299-E28-17 a,b,e	299-E33-28 a,b,e,h
299-E27-5 e	299-E28-18 a,b,e	299-E33-29 a,e,h
299-E27-7 a,b,e	299-E28-21 a,e	299-E33-30 a,b,e
299-E27-8 a,b,e,k	299-E28-23 a,b,e	299-E33-31 a,b,e,g
299-E27-9 a,b,e,k	299-E28-24 a,b,e	299-E33-32 a,b,e,g
299-E27-10 a,b,e,k	299-E28-25 a,b,e	299-E33-33 a,b,e,l
299-E27-11 a,b,e,k	299-E28-26 a,b,e	299-E33-34 a,b,e
299-E27-12 b,c,g	299-E28-27 a,b,e,h	299-E33-35 a,b,e
299-E27-13 a,e,g	299-E28-28 a,e	299-E33-36 b,e
299-E27-14 a,b,e,g	299-E28-30 a,e	299-E33-37 a,b,e
299-E27-15 a,b,e,g	299-E28-31 a	299-E33-38 a,b,e,g
299-E27-16 a,b,e,l	299-E28-32 a	299-E33-39 a,b,e
299-E27-17 a,b,e	299-E28-35 a,h	299-E33-40 e
299-E27-18 b,l	299-E29-54 a,e	299-E33-41 a,b,e,g
299-E27-19 a,b,e,l	299-E32-2 a,e	299-E33-42 a,b,e,g
299-E27-21 a,b,e,g	299-E32-3 a,e,h	299-E33-43 b,e
299-E27-22 a,b,e,g	299-E32-4 a,b,e	299-E33-44 a,b,e,g
299-E27-23 a,b,e,g	299-E32-5 a,b,e	299-E33-47 a,b,e,g
299-E27-24 a,e,g	299-E32-6 a,b,e	299-E33-48 a,b,e,g
299-E27-25 a,e	299-E32-7 a,e	299-E33-49 a,b,e,g
299-E27-26 a,e,g	299-E32-8 a,b,e	299-E33-50 c,e
299-E27-27 a,g	299-E32-9 a,b,e	299-E33-205 a
<u>299-E27-28 a,g</u>	299-E32-10 a,b,e	299-E33-265 a,e
299-E27-155 a,e,g	299-E33-1A e	299-E33-266 a,e,h
299-E27-157 a	299-E33-2 a	299-E33-268 e
299-E28-1 a,b,e	299-E33-3 a,e	299-E33-272 a,h
299-E28-2 a,b,e	299-E33-7 a,b,e	299-E33-276 a,h
299-E28-3 a,e	299-E33-9 a,b,e	<u>299-E33-283 a,h</u>
299-E28-4 a,b,e	299-E33-10 b	299-E33-334 a,b,e,g

Table A-1. 200-BP-5 Well List

Well No.	Well No.	Well No.
299-E33-335 a,b,c,g	699-48-50B a, b, e	699-54-45B c
299-E33-337 a,b,c,g	699-49-32B c	699-54-48 a,b,e
299-E33-338 a,b,c,g	699-49-55A a,b,e	699-54-49 a,b,e
299-E33-339 a,b,c,g	699-49-55B c,e	699-54-52 b
299-E33-340 e	699-49-57A a,b,e	699-54-57 c
299-E33-341 a,e	699-49-57B c,e	699-55-44 b
299-E33-342 a,e	699-50-28B b	699-55-50C a,b,e
299-E33-343 a,e	699-50-30 b	699-55-55 a,b,e
299-E33-345 a,e	699-50-42 b	699-55-57 a,b,e
299-E33-360 a,e	699-50-42P c	699-55-60A a,b,e
299-E33-361 a,e	699-50-45 c	699-56-43 c
299-E34-2 a,b,e,h	699-50-48B c	699-56-53 c
299-E34-7 b	699-50-53B c	699-57-29A b
299-E34-8 a,b,e,i	699-50-56 a,b,e	699-57-59 a,b,e
299-E34-9 a,b,e	699-50-59 a,b,e	699-59-55 b
299-E34-10 a,b,e	699-51-36A d	699-59-58 b,e
299-E34-12 a,b,e,i	699-51-36B c	699-60-57 b
699-42-40A a,b,e	699-51-36C d	699-60-60 a,b,e
699-42-40B b	699-51-36D d	699-61-55B d
699-42-40C c,e	699-51-46 c	699-61-57 d
699-43-41E b	699-52-46A c	699-61-62 b
699-43-41F a,e	699-52-48 c	699-61-66 b
699-43-41G a,b,e	699-52-52 d	699-62-43A b
699-44-39B b,e	699-52-55 a,e	699-62-43F a
699-44-42B a,i,j	699-52-55B e	699-63-55 b
699-45-42 a,b,e	699-53-35 b	699-63-58 b
699-46-32 c	699-53-47A b	699-64-62 b
699-46-91 e	699-53-47B a,b,e	699-65-50 a,b
699-47-35A	699-53-48A a,b,e	699-65-59A b
699-47-35B	699-53-50 c	699-65-72 b
699-47-50 c	699-53-55A b	699-66-58 b
699-47-60 a,b	699-53-55B a,b,e	699-66-64 b
699-48-48AP d	699-53-55C a,b,e	699-67-51 b
699-48-48AQ d	699-54-18B b	699-67-51P b
699-48-48AR d	699-54-34 c	699-67-51Q b
699-48-48AS d	699-54-37A b	699-70-68 a,b
699-48-48AT d	699-54-42 b	699-72-73 a,b
699-48-50 b	699-54-45A a,b	699-73-61 b

Table A-1. 200-BP-5 Well List

Well No.	Well No.	Well No.
11-D ^a	13-S ^a	14-M ^a
12-D ^a	14D ^a	

a. DOE/RL-2014-33, 2017, *Sampling and Analysis Plan for the 200-BP-5 Groundwater Operable Unit*, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0069664H>.

b. SGW-38815, 2009, *Water-Level Monitoring Plan for the Hanford Site Soil and Groundwater Remediation Project*, Rev. 0 (Table A-2), U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0082378H>.

c. SGW-38815, Table A-3.

d. SGW-38815, Table A-4.

e. DOE/RL-2015-56, 2015, *Hanford Atomic Energy Act Sitewide Groundwater Monitoring Plan*, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <http://pdw.hanford.gov/arpir/index.cfm/viewDoc?accession=0076985H>.

f. WA7890008967, 2018, *Hanford Facility Resource Conservation and Recovery Act Permit, Dangerous Waste Portion, Revision 8C, for the Treatment, Storage, and Disposal of Dangerous Waste, Part III (Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility Operating Unit Group 3 (OUG-3), Addendum D, Groundwater Monitoring Plan, January 23), Washington State Department of Ecology, Richland, Washington. Available at: https://fortress.wa.gov/ecy/nwp/permitting/hdwp/rev/8c/LERF-ETEF/LEFR-ETF_Add_D_GW_Monitoring.PDF, WA7890008967 Resource Conservation and Recovery Act of 1976, Part III Operating Units- Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility Operating Unit Group 3 Addendum D, "Groundwater Monitoring Plan" (Pending)*

g. DOE/RL-2019-74, 2020, *Interim Status Groundwater Quality Assessment Plan for the Single-Shell Tank System*, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <https://pdw.hanford.gov/document/AR-03908>, DOE/RL-2019-58, *Groundwater Monitoring Plan for the Single Shell Tank Waste Management Area C* (Pending)

h. DOE/RL-2009-75, 2021, *Interim Status Groundwater Monitoring Plan for the LLBG WMA-1*, Rev. 2, U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <https://pdw.hanford.gov/document/AR-08657>, DOE/RL-2019-54, *Groundwater Monitoring Plan for the Low Level Burial Grounds Waste Management Area 1 Green Islands* (Pending)

i. DOE/RL-2015-56, 2018, *Hanford Atomic Energy Act Sitewide Groundwater Monitoring Plan*, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <https://pdw.hanford.gov/document/0064119H>, DOE/RL-2015-56, *Hanford Atomic Energy Act Sitewide Groundwater Monitoring Plan*

j. SGW-65216, 2021, *Opportunistic Sampling Program, Sampling and Analysis Instruction During Installation of RCRA Monitoring Wells 699-43-44B, 699-43-44C, 699-43-43C, and 699-44-42B at the 216-B-3 Pond*, Rev. 0, Central Plateau Cleanup Company, Richland, Washington. Available at: <https://pdw.hanford.gov/document/AR-09934>, SGW-65216, *Opportunistic Sampling Program Sampling and Analysis Plan 216-B-3 Pond Work Instruction for Drilling and Aquifer Testing at M-24 Groundwater Monitoring Wells 699-43-44B, 699-43-44C, 699-43-43C and 699-44-42B*

k. LLWMA-2, DOE/RL-2009-76, 2020, *Interim Status Groundwater Monitoring Plan for the LLBG WMA-2*, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <https://pdw.hanford.gov/document/AR-08660>

l. 216-B-63, DOE/RL-2008-60, 2012, *Interim Status Groundwater Monitoring Plan for the 216 B 63 Trench*, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington. Available at: <https://pdw.hanford.gov/document/0091409>, As modified by RCRA Change Notice RCRA-CN-01, DOE/RL-2008-60, R1, 2020, *Interim Status Change Number 1: Interim Status Groundwater Monitoring Plan for the 216-B-63 Trench*, U.S. Department of Energy, Richland, Washington. Available at: <https://pdw.hanford.gov/document/AR-03873>