

Justification and Impacts of Change:

RCRA compliance wells are being incorporated into this CERCLA Waste Control Plan. Consequently, in accordance with the M-024-58 process, the waste generated in the drilling and sampling of the wells will be covered solely by CERCLA regulations. Justification to modify plans and a summary of modifications are provided below:

Well 299-E26-81 will be added to 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,”* as a downgradient well for the new LERF Basin 41, and will be added to the LERF permit.

Well 299-E27-27 will be added to the final permit groundwater monitoring plan (DOE/RL-2019-58, *Groundwater Monitoring Plan for the Single-Shell Tank Waste Management Area C*) as a downgradient monitoring well for WMA C, and added to the WMA C monitoring well network. The well will also be incorporated into the 200-BP-5 CERCLA groundwater OU monitoring network.

Wells 299-E28-35, 299-E33-272 and 299-E33-276 will be added to the final permit monitoring plan (DOE/RL-2019-54, *Groundwater Monitoring Plan for the Low-Level Burial Grounds Waste Management Area-1 Green Islands*) as downgradient wells for LLBG WMA-1, and to the LLBG WMA-1 well network upon completion. The well will also be incorporated into the 200-BP-5 CERCLA groundwater OU monitoring network.

Well 299-E27-157 is being added as a remedial action extraction well for the 200-BP-5 CERCLA groundwater OU as part of the pending IROD decision.

Well 299-E33-2 is being added back into the 200-BP-5 CERCLA groundwater monitoring network since access issues due to cave-in potential have been resolved.

Well 299-E35-6 will be added to DOE/RL-2015-56, *Hanford Atomic Energy Act Sitewide Groundwater Monitoring Plan* for continued compliance with the *Atomic Energy Act* monitoring well network. The well will also be incorporated into the 200-BP-5 CERCLA groundwater OU monitoring network.

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

Well No.	Well No.	Well No.
299-E24-25 a,e	299-E28-6 a,b,e	299-E33-13 b
299-E26-8 c,e	299-E28-7 a,e	299-E33-14 a,b,e
299-E26-10 a,b,e	299-E28-8 a,b,e	299-E33-15 a,b,e
299-E26-11 a,b,e	299-E28-9 a,b,e	299-E33-16 a,b,e
299-E26-14 a,e	299-E28-11 e	299-E33-17 a,b,e
299-E26-15 a	299-E28-13 a,e	299-E33-20 a,b,e
299-E26-77 e	299-E28-14 b	299-E33-21 b,e
299-E26-79 a,e	299-E28-15 e	299-E33-26 b
<u>299-E26-81</u> a,f	299-E28-17 a,b,e	299-E33-28 a,b,e
299-E27-4 b,e	299-E28-18 a,b,e	299-E33-29 a,e
299-E27-5 e	299-E28-21 a,e	299-E33-30 a,b,e
299-E27-7 a,b,e	299-E28-23 a,b,e	299-E33-31 a,b,e
299-E27-8 a,b,e	299-E28-24 a,b,e	299-E33-32 a,b,e
299-E27-9 a,b,e	299-E28-25 a,b,e	299-E33-33 a,b,e
299-E27-10 a,b,e	299-E28-26 a,b,e	299-E33-34 a,b,e
299-E27-11 a,b,e	299-E28-27 a,b,e	299-E33-35 a,b,e
299-E27-12 b,e	299-E28-28 a,e	299-E33-36 b,e
299-E27-13 a,e	299-E28-30 a,e	299-E33-37 a,b,e
299-E27-14 a,b,e	299-E28-31 a	299-E33-38 a,b,e
299-E27-15 a,b,e	299-E28-32 a	299-E33-39 a,b,e
299-E27-16 a,b,e	<u>299-E28-35</u> a,h	299-E33-40 e
299-E27-17 a,b,e	299-E29-54 a,e	299-E33-41 a,b,e
299-E27-18 b	299-E32-2 a,e	299-E33-42 a,b,e
299-E27-19 a,b,e	299-E32-3 a,e	299-E33-43 b,e
299-E27-21 a,b,e	299-E32-4 a,b,e	299-E33-44 a,b,e
299-E27-22 a,b,e	299-E32-5 a,b,e	299-E33-47 a,b,e
299-E27-23 a,b,e	299-E32-6 a,b,e	299-E33-48 a,b,e
299-E27-24 a,e	299-E32-7 a,e	299-E33-49 a,b,e
299-E27-25 a,e	299-E32-8 a,b,e	299-E33-50 c,e
299-E27-26 a,e	299-E32-9 a,b,e	299-E33-205 a
<u>299-E27-27</u> a,g	299-E32-10 a,b,e	299-E33-265 a,e
299-E27-155 a,e	299-E33-1A e	299-E33-266 a,e
<u>299-E27-157</u> a	<u>299-E33-2</u> a	299-E33-268 e
299-E28-1 a,b,e	299-E33-3 a,e	<u>299-E33-272</u> a,h
299-E28-2 a,b,e	299-E33-7 a,b,e	<u>299-E33-276</u> a,h
299-E28-3 a,e	299-E33-9 a,b,e	299-E33-334 a,b,e
299-E28-4 a,b,e	299-E33-10 b	299-E33-335 a,b,e
299-E28-5 a,b,e	299-E33-12 c,e	299-E33-337 a,b,e

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Well No.	Well No.	Well No.
299-E33-338 a,b,e	699-49-55A a,b,e	699-54-49 a,b,e
299-E33-339 a,b,e	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	699-50-48B c	699-56-53 c
<u>299-E35-6^{a, i}</u>	699-50-53B c	699-57-29A b
299-E34-7 b	699-50-56 a,b,e	699-57-59 a,b,e
299-E34-8 a,b,e	699-50-59 a,b,e	699-59-55 b
299-E34-9 a,b,e	699-51-36A d	699-59-58 b,e
299-E34-10 a,b,e	699-51-36B c	699-60-57 b
299-E34-12 a,b,e	699-51-36C d	699-60-60 a,b,e
699-42-40A a,b,e	699-51-36D d	699-61-55B d
699-42-40B b	699-51-46 c	699-61-57 d
699-42-40C c,e	699-52-46A c	699-61-62 b
699-43-41E b	699-52-48 c	699-61-66 b
699-43-41F a,e	699-52-52 d	699-62-43A b
699-43-41G a,b,e	699-52-55 a,e	699-62-43F a
699-44-39B b,e	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
699-48-50B a, b, e	699-54-45B c	11-D a
699-49-32B c	699-54-48 a,b,e	12-D a

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

Well No.	Well No.	Well No.
13-S ^a	14D ^a	14-M ^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 *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-2019-58, *Groundwater Monitoring Plan for the Single-Shell Tank Waste Management Area C* (Pending)

h. 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, *Hanford Atomic Energy Act Sitewide Groundwater Monitoring Plan*