Region	State	EPA ID	Site Name	CC Date	Planned SWRAU Date from SEMS (as of 1/11/2021)
12	AA	EPA000000000	EXAMPLE SITE	1/1/1991	2050/1
9	CA	CAD048634059	ADVANCED MICRO DEVICES, INC.	9/17/1993	Not Provided
9	CA	CAD095989778	FAIRCHILD SEMICONDUCTOR CORP. (MOUNTAIN VIEW PLANT)	8/24/1999	2028/4

Is Planned SWRAU Date from SEMS correct? ***Select response from dropdown menu in cell. If "No", enter updated date in next Column.***	**Updated Planned SWRAU Date**	**Do additional ICs need to be implemented at the site?** ***Select response from dropdown menu in cell. If "Yes", please include a description of type and scope of ICs in the "Comments" Column.***	**If ICs need to be implemented, how many property parcels need ICs?** ***Enter numerical value and provide description in the "Comments" Column.***
No	2024	Yes	1
Yes	9/30/2023	Yes	2
Yes	9/30/2028	Yes	Cover large area of residential and commercial buildings - 600+

If ICs need to be implemented, what type of IC instrument is anticipated? ***Enter one or more of the following: Governmental, Proprietary, Enforcement, Informational.***	**Does the decision document need to be amended to require ICs?** ***Select response from dropdown menu in cell.***	**Does the selected remedy need to be re-evaluated to determine if additional actions need to be (or may need to be) taken?** ***Select response from dropdown menu in cell.***	**Does the decision document need to be amended to require a remedy change?** ***Select response from dropdown menu in cell.***
Governmental, Proprietary	Yes	No	No
Proprietary	No	No	No
Governmental, proprietary, informational	No	Yes	Yes

Are limited state/local resources an issue affecting the site meeting SWRAU? ***Select response from dropdown menu in cell. If "Yes", please describe in the "Comments" Column.***	**Is Vapor Intrusion an issue affecting the site meeting SWRAU?** ***Select response from dropdown menu in cell.***	**Are there any other issues impacting the site's ability to meet SWRAU?** ***Select response from dropdown menu in cell. If "Yes", please describe in the "Comments" Column.***
No	No	Yes
No	No	Yes
Yes	Yes	No

Comments ***Enter description of IC-related issues, if applicable and any other issues impacting the site ability to meet SWRAU.***
The IC that needs to be implement is to restrict land use on 1 property parcel at the site; the property parcel that needs the IC does not have a property owner; have not modified remedy decision documents yet to call for ICs since IC tool that will be used hasn't been decided on yet; state is reluctant to do anything unilaterally and site attorney has researched all county/state controls that could be used but has not found anything. The primary issue is how the Region should proceed without a property owner and the Region would benefit from HQ input on the issue
One ROD that covers 3 sites adjacent to each other. The remedy in the ROD is pump and treat, however, this is a state-lead site, and they have informally implemented a more robust treatment technology; in-situ bioremediation. Additional rounds of injections are continuously needed, due to the use of low-weight carbon substrate; therefore construction complete is pending since the current remedial action is ongoing. The deed restriction for the site was never finalized.
Vapor intrusion assessement and mitigation work ongoing. New sewer pathway identified in 2020. Human exposures not yet under control and instituitional controls not yet in place to address current and potential future unacceptable vapor intrusion. Additionally, new Operable Unit and subsequent Shallow Zone ROD Amendment and Remdial Action will require additional constuction.

REFERENCE INFORMATION - site details submitted by the Region during previous years' audit efforts
No information previously provided.
June 2018 Update: Vapor intrusion assessments and mitigation work ongoing in homes and school buildings above the solvent plume. Human exposures not yet under control and institutional controls not yet in place to address current and potential future unacceptable vapor intrusion. Currently highly-developed area of Silicon Valley with commercial and residentail use above the plume. Remains a priority site to compelte the VI investigatin
2021 Update: Vapor intrusion assessement and mitigation work ongoing.New sewer pathway identified in 2020. Human exposures not yet under control and instituitional controls not yet in place to address current and potential future unacceptable vapor intrusion. Additionally, new Operable Unit and subsequent Shallow Zone ROD Amendment and Remdial Action will require additional constuction.

9	CA	CAD071530380	FRONTIER FERTILIZER	7/31/2018	2021/4
9	CA	CAD980736284	INDUSTRIAL WASTE PROCESSING	9/28/1999	2030/1
9	CA	CAD061620217	INTEL CORP. (MOUNTAIN VIEW PLANT)	8/24/1999	2025/4
9	CA	CAD041472341	INTERSIL INC./SIEMENS COMPONENTS	9/8/1992	2035/4
9	CA	CAT000646208	LIQUID GOLD OIL CORP.	9/27/1995	2022/4
9	CA	CAD041472986	NATIONAL SEMICONDUCTOR CORP.	10/16/1997	Not Provided

Yes	9/30/2021	Yes	
Yes	10/2/2029	Yes	zero; adjustments to be made to existing IC.
No	2028/4	Yes	Covers large area 600 + residential and commercial buildings
	9/30/2035		
Yes	9/30/2022	Yes	1
Yes	9/30/2036	Yes	zero; update existing ICs.

Proprietary	Yes	Yes	Yes
Governmental, proprietary. Enforcement, informational	No	Yes	Yes
Governmental	No	No	No
Proprietary	Yes	Yes	Yes

Yes	No	Yes
No	Yes	Yes
Yes	Yes	No
Yes	No	No
No	Yes	No

Due to the coronavirus pandemic the IC process has been stalled. EPA is still awaiting the State to get all the paperwork reviewed remotely and there are ongoing negotiations with an attorney. The land is being held in trust due to the land owner having passed away. RPM is checking in weekly to help move the process forward.
There are ongoing vapor intrusion issues at the site that need to be addressed. Due to the pandemic the schedule for construction of the vapor intrusion system is delayed. HEUC evaluation will need to be revisited.
Vapor intrusion assessement and mitigation work ongoing. New sewer pathway has been identified in 2020. Human exposures not yet under control and institutional controls not yet in place to address current and potential future unacceptable vapor intrusion. Additionally, new sewer migration pathway and subsequent ROD Amendment and Remedial Action will require additional constuction.
Land swap negotiations are ongoing between Regional Parks District and PRP. Realigned fencing has been constructed. Once land issues are resolved, the State will record the deed restriction.
This is a State-lead site. Vapor intrusion assessment was conducted, but will need an additional evaluation of a daycare facility to ensure that the entire OU is covered. HEUC also needs to be evaluated once the vapor intrusion data is complete. RPM is currently preparing a ROD amendment to include vapor intrusion work since the prevous ROD does not include this. The treatment strategy for groundwater also needs to be re-evaluated, and a more robust groundwater treatment system may potentially be considered. There are several sites within R9 with the site name "National Semiconductor Corp" and the site with the ID CAD041472986 has a SWRAU projection date of 9/30/2026.

State commitede to completing IC's this FY. SWRAU projected for next FY.
Installing vapor intrusion mitigation system this FY to achieve HEUC. Have residual VOC cleanup that will need to occur, likely via SVE system.
2021 Update: Vapor intrusion assessement and mitigation work ongoing. New sewer pathway identified in 2020. Human exposures not yet under control and instituitional controls not yet in place to address current and poential future unacceptable vapor intrusion. Additionally, new Operable Unit and subsequent Shallow Zone ROD Amendment and Remdial Action will require additional constuction.
New EPA RPM assigned to site (new to Agency). Work will continue at site, but delayed SWARU acheivement due to vacancy and staff turnover. Data gaps in the characterization of the extent of groundwater contamination were addressed by the RP and summarized in a report, which is currently undergoing State review. Currently highly-developed area of Silicon Valley with commercial and residentail use above the plume. Need to assess whether to add 1,4-dioxane as a COC for the site.
State-lead site, delisted in 1996. Land encroachment issues and subsequent negotiations between PRP and Regional Parks District need to be resolved to realign access controls to completely enclose cap. New fence has been installed; State needs to update deed restrictions once land swap is complete.
June 2018 update still accurate: Vapor intrusion assessments and mitigation work ongoing in commercial buildings above the solvent plume to address unacceptable vapor intrusion. Human exposures not yet under control and institutional controls not yet in place to address current and potential future unacceptable vapor intrusion. Currently highly-developed area of Silicon Valley with commercial and residentail use above the plume. In addition, the site is a state-lead site, and we have been urging more action on the part of the state, but with little success. It also had no EPA RPM assigned for over a year due to staff shortages.

9	CA	CAD980736151	PURITY OIL SALES, INC.	9/28/2012	2023/4
9	CA	CAD009205097	RAYTHEON CORP.	8/24/1999	2028/4
9	CA	CA7210020759	RIVERBANK ARMY AMMUNITION PLANT	9/30/1997	2027/4
9	CA	CAD009138488	SPECTRA-PHYSICS, INC.	9/16/1992	Not Provided
9	CA	CAD009111444	TELEDYNE SEMICONDUCTOR	3/31/1992	Not Provided
9	CA	CAD009159088	TRW MICROWAVE, INC (BUILDING 825)	9/17/1993	Not Provided
9	CA	CAD980893234	WATKINS-JOHNSON CO. (STEWART DIVISION PLANT)	9/22/1994	2028/4

Yes	9/30/2023		
Yes	9/20/2028	Yes	Cover large area of residential and commercial buildings - 600+
	9/30/2027		
No	9/30/2022	No	N/A
No	9/30/2022	No	N/A
	9/30/2030		
Yes	9/30/2028	Yes	Few parcels; there are several light commercial buildings within site boundary

Governmental, proprietary, enforcement, informational	No	Yes	Yes
N/A	No	No	No
N/A	No	No	No
Governmental	Yes	Yes	No

Yes	Yes	No
No	No	No
No	No	No
No	Yes	Yes

Vapor intrusion assessement and mitigation work ongoing. New sewer pathway has been identified in 2020. Human exposures not yet under control and instituitional controls not yet in place to address current and potential future unacceptable vapor intrusion. Additionally, new sewer migration pathway and subsequent Shallow Zone ROD Amendment and Remedial Action will require additional constuction.
Site has met the criteria for SWRAU metric. RPM is currently preparing the SWRAU checklist.
Site has met the criteria for SWRAU metric. RPM is currently preparing the SWRAU checklist.
If developer decides to construct residential properties, the selected remedy will need to be reevaluated. VI may be an issue if land is used for residential purposes rather than industrial. VI evaluation still underway. There are issues with obtaining access to properties to destroy wells associated with property, which is stalling progress towards SWRAU

June 2018 update still accurate: IC implementaton issues - PRP does not own the site, and there is no owner of record. ICs are also needed on adjacent properties and those landowners may not be in favor of implementing ICs.Site remains unassigned, as it has now for over a year. Plan to assign site to newly hired RPM this FY
2021 Update: Vapor intrusion assessement and mitigation work ongoing. New sewer pathway identified in 2020. Human exposures not yet under control and instituitional controls not yet in place to address current and poential future unacceptable vapor intrusion. Additionally, new Operable Unit and subsequent Shallow Zone ROD Amendment and Remedial Action will require additional constuction.
After achieving CC the site was declared SWRAU, then retracted when it was BRAC'd because of FF program policy that it was not all ready for transfer yet. Then additional PCB contamination was discovered related to the decay of building materials that released PCBs into the environment. Those areas are still being addressed and will take more time. This is ironic though, because the Army currently leases the site to the City of Riverbank who generates $22 mil annually in revenue from the site. So it is clearly in use while the remaining cleanup is underway
Completing decision document this FY. Will implement decision document next FY to make progress towards SWRAU.
Completing decision document this FY. Will implement decision document next FY to make progress towards SWRAU.
June 2018 update still accurate: Vapor intrusion assessments and mitigation work ongoing in homes and school buildings above the solvent plume. Human exposures not yet under control and institutional controls not yet in place to address current and potential future unacceptable vapor intrusion. Currently highly-developed area of Silicon Valley with commercial and residentail use above the plume. Remains a priority site to compelte the VI investigatin
Likely to remain industrial use. Installing VI mitigation system this FY to achieve HEUC. Have residual VOC cleanup that will need to occur, likely via SVE system.

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