

Rockets, Fireworks, and Flares
Superfund Site
San Bernardino County, California

OU-2 Proposed Plan

NPL Administrative Record File

Index

Released: 01/21/2022

About the Administrative Record

This administrative record file contains the documents that the U.S. Environmental Protection Agency (EPA) is currently using to identify appropriate remedial activities for the Rockets, Fireworks, and Flares Superfund Site, Mid Basin Operable Unit (OU-2) in San Bernardino County, California. It is presented in electronic format. The administrative record file will be supplemented periodically; it will be complete after public comments on EPA's Proposed Plan, EPA's response to comments, and the Record of Decision (ROD) are included.

EPA welcomes questions and comments on documents contained in the administrative record file. Please contact:

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What is an Administrative Record?

An administrative record is a collection of documents that forms the basis for an agency's decision, in this case the selection of a response action at a Superfund site. This does not mean that only documents that support a response decision are placed in the administrative record. Relevant documents that were relied upon in selecting the response action, as well as relevant documents that were considered but ultimately rejected, are included. The administrative record also acts as a vehicle for public participation in selecting a response action.

Under section 113(K) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA), the U.S. Environmental Protection Agency (EPA) is required to establish an administrative record for every Superfund response action and to make a copy of the administrative record available at or near the site. The administrative record must be reasonably

available for public review during normal business hours. Questions regarding the maintenance of the administrative record file should be directed to:

Elaine Chan, Administrative Record Coordinator, U.S. EPA (SFD-7-5), 75 Hawthorne Street, San Francisco, CA 94105-3972, Phone: (415) 972-3128

**Rockets, Fireworks and Flares Superfund Site
OU-2 Proposed Plan Administrative Record
Acronyms and Abbreviations**

ABBREVIATION	MEANING
aka	also known as
app(s)	appendix(es)
Apr	April
ARAR	Applicable or relevant and appropriate restrictions (or requirements)
attch(s)	attachment(s)
Aug	August
Ave	Avenue
CA	California
CEQA	California Environmental Quality Act
Ch	Chapter
Co	Company
Corp	Corporation
Ct	Court
Dec	December
Dist	District
Dr	Drive
DTSC	California Department of Toxic Substances Control
E	East
encl(s)	enclosure(s)

EPA	United States Environmental Protection Agency
ERM	See 1161930
et al	and others (Latin)
fr	from
FS	Feasibility Study
FSP	Field Sampling Plan
Inc	Incorporated
ITSI	Innovative Technical Solutions, Inc.
Jan	January
Ltr	Letter
Mar	March
Memo	Memorandum
N	North
OU	Operable Unit
PFAS	per- and polyfluoroalkyl substances
pp	pages
Pt	Part
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
RA	Remedial Action
RCB	Rialto Colton Basin
RCRA	Resource Conservation and Recovery Act
Rd	Road
RD	Remedial Design
re	regarding
ref	referencing
rev	revision

RFF	Rockets, Fireworks and Flares
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
rpt(s)	report(s)
SAP	Sampling Analysis Plan
SOW	Statement of Work
SVE	Soil Vapor Extraction
TL(s)	Transmittal Letter(s)
UAO	Unilateral Administrative Order
US	United States
v(s)	volume(s)
vs	versus
VOC(s)	Volatile Organic Compound(s)
WA	State of Washington
w/	with
w/o	without

Document ID	Document Date	Title	Author	Addressee
100023876	12/22/1961	Decree #81264, ref Lytle Creek Water & Improvement Co vs Fontana Ranchos Water Co, Highland Avenue Water Co, et al, w/exhibits 1 & 2 (executed by judge)	R09: (CA Superior Court - San Bernardino County)	
100023541	1/1/1989	Documentation of computer programs to compute & display pathlines using results fr US Geological Survey modular 3-dimensional finite-difference groundwater flow model (Open File Rpt 89-381), w/appendices 1-6	R09: Pollock, David (US Geological Survey)	
2200539	1/1/1997	Geohydrology & water chemistry in Rialto-Colton Basin [Water-Resources Investigations Rpt 97-4012], w/appendix	R09: Kadhim, Dina (US Geological Survey), R09: Woolfenden, Linda (US Geological Survey)	
2200540	1/1/2001	Numerical simulation of groundwater flow & assessment of effects of artificial recharge in Rialto-Colton Basin [Water-Resources Investigations Rpt 00-4243], w/appendix A	R09: Koczot, Kathryn (US Geological Survey), R09: Woolfenden, Linda (US Geological Survey)	
2004327	4/11/2003	Perchlorate investigation rpt, American Promotional Events - West facility, 3196 N Locust Ave, Rialto	R09: Michelsen, Carl (P E S Environmental, Inc), R09: Knickerbocker, Keary (P E S Environmental, Inc)	R09: Trout, Tad (American Promotional Events, Inc - West)
2004329	7/10/2003	Supplemental perchlorate investigation workplan, former burn area, American Promotional Events - West facility, 3196 N Locust Ave, Rialto	R09: Michelsen, Carl (P E S Environmental, Inc), R09: Knickerbocker, Keary (P E S Environmental, Inc)	R09: Trout, Tad (American Promotional Events, Inc - West)
2110915	12/15/2003	Perchlorate investigation rpt, Pyro Spectaculars facility	R09: Robbins, Jr, Gerald (Kleinfelder Group, Inc, The)	R09: (Pyro Spectaculars, Inc)
2036415	1/1/2004	Rialto ammunition backup storage point operational history final rpt, 1941-1945, w/apps A-E	R09: (Science Applications International Corp)	R09: (US Army Corps of Engineers - Los Angeles District)
1111950	1/6/2004	Supplemental perchlorate investigation rpt, American Promotional Events West facility, 3196 N Locust Ave, Rialto, w/appendix A	R09: Michelsen, Carl (P E S Environmental, Inc), R09: Knickerbocker, Keary (P E S Environmental, Inc)	R09: Trout, Tad (American Promotional Events, Inc - West)

Document ID	Document Date	Title	Author	Addressee
1118771	4/6/2004	Article: Structural model of San Bernardino Basin for analysis of gravity, aeromagnetic & seismicity data (Journal of Geophysical Research, v109)	R09: Anderson, Megan (Univ of Arizona - Dept of Geosciences), R09: Matti, Jonathan (US Geological Survey), R09: Jachens, Robert (US Geological Survey)	
1111951	4/20/2004	Preliminary perchlorate soil investigation rpt, Wong Chung Ming property, 3196 N Locust Ave, Rialto, w/apps A-H	R09: (Locus Technologies)	R09: Thibeault, Gerard (CA Regional Water Quality Control Board - Santa Ana Region), R09: Ming, Wong (Tung Chun Soy Sauce & Canned Food USA,
100023878	2/10/2005	Site investigation rpt, 160 acre parcel, Rialto, CA, w/appendices A-C	R09: (ENVIRON International Corp)	R09: (Environmental Protection Agency - Region 9)
2051036	3/24/2005	Draft RI rpt, w/TL to W Praskins fr P Ly & K Arteaga & appendices A-C, w/o compact disc (appendices D-K)	R09: (Geosyntec Consultants, Inc)	R09: (Goodrich Corp)
1111955	4/15/2005	Initial perchlorate investigation rpt, former burn pit installed by Goodrich Corp (aka McLaughlin pit), Rialto Concrete Products facility, 2250 W Lowell St, Rialto, w/appendices A-D	R09: Grossman, Daniel (Kleinfelder, Inc), R09: Simmons, Lizanne (Kleinfelder, Inc)	R09: Brown, Gary (Pyro Spectaculars, Inc)
1111954	1/27/2006	Response to comments on Limited soil sampling rpt, 2824 N Locust Ave, Rialto, w/encls (revised text, table & figures) & TL to C Brown fr L Kellogg	R09: (Blasland, Bouck & Lee, Inc)	R09: (CA Environmental Protection Agency - Dept of Toxic Substances Control)
1111909	10/21/2006	Additional interim RI rpt (draft), w/apps A-I only	R09: (Geosyntec Consultants, Inc)	R09: (Goodrich Corp)
100023529	12/7/2007	Article: Aquifer susceptibility to perchlorate in highly-urbanized environment (Securing Groundwater Quality in Urban & Industrial Environments - Proceedings of 6th International Groundwater Quality Conference, Fremantle, WA, 12/2/07-12/7/07), pp 156-163	R09: Woolfenden, Linda (US Geological Survey)	

Document ID	Document Date	Title	Author	Addressee
2200486	1/1/2008	Field sampling plan, Rialto-Colton groundwater basin groundwater characterization sampling, w/approval page & appendices A-C	R09: (C H 2 M Hill, Inc)	R09: (Environmental Protection Agency - Region 9)
1118749	3/5/2008	Table 1, summary of validated VOCs & perchlorate analytical data for groundwater samples	R09: (Environmental Protection Agency - Region 9)	
2200494	3/5/2008	Email: Results of EPA/CH2M Hill Jan 2008 Rialto-Colton groundwater sampling, w/o attch	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Sterling, Jenny (Daniel B Stephens & Assoc, Inc)
2200493	3/25/2008	Email: Results of EPA/CH2M Hill Jan 2008 Rialto-Colton groundwater sampling, water levels, w/attch	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Zagon, Brian (Hunsucker, Goodstein & Nelson (Attorneys))
1118745	4/22/2008	Draft site inspection rpt, perchlorate, trichloroethene & other hazardous substances within Rialto-Colton groundwater basin, San Bernardino County, w/tables, w/o maps & figures or appendices	R09: (D P R A, Inc)	R09: Fraser, Eric (City of Colton - Water & Wastewater Dept)
1118750	4/22/2008	Draft site inspection rpt, perchlorate, trichloroethene & other hazardous substances within Rialto-Colton groundwater basin, San Bernardino County (maps & figures only)	R09: (D P R A, Inc)	R09: Fraser, Eric (City of Colton - Water & Wastewater Dept)
1118778	6/13/2008	Ltrs (13): Correspondence re Lytle Creek Water & Improvement Co vs Fontana Ranchos Water Co, 6/9/1992-6/13/2008 (well measurements indicating compliance)	R09: Fuller, Samuel (San Bernardino Valley Municipal Water District)	R09: Fraser, Eric (City of Colton - Water & Wastewater Dept)
2200488	10/6/2008	Ltr: Requests list of requirements that may be State ARARs for remedial alternatives at site	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Scandura, John (CA Environmental Protection Agency - Dept of Toxic Substances Control)
1122948	12/1/2008	QAPP, Rialto-Colton groundwater basin field investigation, w/appendix A	R09: (C H 2 M Hill, Inc)	R09: (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
1118751	3/1/2009	Revised field sampling plan - Rialto-Colton groundwater basin field investigation, w/appendices A-D	R09: (C H 2 M Hill, Inc)	R09: (Environmental Protection Agency - Region 9)
1122949	3/28/2009	Technical Memo: FSP addendum for 3/09 & 4/09 groundwater monitoring event, w/attchs	R09: Lechler, Benjamin (C H 2 M Hill, Inc), R09: Towell, David (C H 2 M Hill, Inc)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1118748	4/2/2009	Table 2, summary of detected VOCs & perchlorate in groundwater	R09: (Environmental Protection Agency - Region 9)	
100023881	5/1/2009	Table: National primary drinking water regulations	R09: (Environmental Protection Agency - Office of Ground Water & Drinking	
2200497	5/20/2009	Email: EPA/CH2M Hill 2009 sampling of existing Rialto-Colton groundwater wells, w/o attch	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Saremi, Kamron (CA State Water Resources Control Board)
1122958	8/4/2009	Table 1, summary of VOCs in groundwater, samples taken 8/3/09-8/4/09	R09: (Environmental Protection Agency - Region 9)	
1118772	11/18/2009	Ltr: Notification to Natural Resources Trustee	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Edinger, Steve (CA Dept of Fish & Game - Office of Spill Prevention & Response)
1118773	11/18/2009	Ltr: Notification to Natural Resources Trustee	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Gibson, Judy (US Fish & Wildlife Service)
1122591	12/1/2009	Table 1, summary of detected VOCs & perchlorate in groundwater, EPA-MP1 through EPA-MP6, 12/2009 (draft)	R09: (Environmental Protection Agency - Region 9)	
1119853	1/5/2010	Ltr: Corrected DTSC ARARs table for B F Goodrich, Rialto, w/attchs	R09: Romero, Robert (CA Environmental Protection Agency - Dept of Toxic Substances Control)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1120029	1/25/2010	Final RI/FS rpt, w/appendices A & B	R09: (C H 2 M Hill, Inc)	R09: (Environmental Protection Agency - Region 9)
2210952	2/1/2010	Final RI rpt, w/o appendices A-N	R09: (ENVIRON International Corp)	R09: (Environmental Protection Agency - Region 9)
2211804	2/1/2010	Final RI rpt, appendices A-N (compact disc only)	R09: (ENVIRON International Corp)	R09: (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
2210941	2/25/2010	Email: Results fr Dec 2009 groundwater samples collected fr EPA monitoring wells EPA-MP1 through EPA-MP6, w/o attchs	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Zagon, Brian (Hunsucker, Goodstein & Nelson (Attorneys))
1122378	4/1/2010	Table: Groundwater characterization field sampling, Mar/Apr 2010, Rialto-Colton Groundwater Basin - well depth & well elevation		
1122379	4/1/2010	Table 1, summary of perchlorate & VOCs in groundwater, Mar/Apr 2010	R09: (Environmental Protection Agency - Region 9)	
2219111	6/2/2010	Ltr: Transmits 2010 index well data in accordance with stipulating parties request that San Bernardino Valley Water Dist monitor compliance with decree entered on 12/22/61, w/attch	R09: Fuller, Samuel (San Bernardino Valley Municipal Water District)	R09: Young, Robert (Fontana Water Co)
2217385	6/16/2010	Email: Results fr Mar 2010 & Apr 2010 samples collected fr groundwater wells analyzed for perchlorate & VOCs, w/o attchs	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Brown, Christine (CA Environmental Protection Agency - Dept of Toxic Substances Control)
1122888	8/1/2010	Site investigation - multi-port monitoring well installation, w/appendices A-E	R09: (C H 2 M Hill, Inc)	R09: (Environmental Protection Agency - Region 9)
1123028	9/30/2010	Interim action record of decision (ROD), Source Area OU, w/app A	R09: (Environmental Protection Agency - Region 9)	
2350365	10/29/2010	Mtg Agenda: Agenda announcement for 10/29/10 Regional Board meeting	R09: (CA Regional Water Quality Control Board - Santa Ana Region)	
100001704	11/1/2010	Final site investigation soil boring & vapor probe installation rpt, w/appendices A-C	R09: (C H 2 M Hill, Inc)	R09: (Environmental Protection Agency - Region 9)
100023540	1/1/2011	Chapter: MODFLOW-NWT, Newton formulation for MODFLOW-2005 - Ch 37 of Section A - Groundwater Book 6, modeling techniques (Groundwater Resources Program - Techniques & Methods 6-A37)	R09: (US Geological Survey)	
100023531	4/4/2011	RI summary rpt (wellhead treatment system project)	R09: (Kennedy/Jenks Consultants, Inc)	R09: (City of Rialto), R09: (West Valley Water District)

Document ID	Document Date	Title	Author	Addressee
1135182	5/23/2011	Technical Memo: Recommendations on installation of well packer in Rialto 6 well in Rialto-Colton Basin	R09: Meadows, Darren (C H 2 M Hill, Inc), R09: Towell, David (C H 2 M Hill, Inc), R09: Carlson, Fritz (C H 2 M Hill, Inc)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1130066	6/1/2011	Final FSP, Rialto-Colton Groundwater Basin RI/FS, w/appendices & attchs	R09: (Innovative Technical Solutions, Inc)	R09: (Environmental Protection Agency - Region 9)
1130088	11/7/2011	Email: Transmits EPA 2011 sampling of Rialto-Colton groundwater wells (revised summary table) for site RI, w/attch	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Araiza, Anthony (West Valley Water District)
100023532	9/1/2012	Thesis: Structural, hydrogeologic framework, & textural model of Rialto-Colton Basin & Chino & N Riverside area (Fall 2012)	R09: Paulinski, Scott	R09: (CA State Univ, Sacramento - Geology Dept)
1136724	9/18/2012	Email: Discusses & transmits revised summary table for EPA/ITSI Apr 2012 Rialto-Colton groundwater sampling & 2012 results for new wells, EPA-MP7, EPA-MP8, & EPA-MP9, w/attchs	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Araiza, Anthony (West Valley Water District)
1136803	11/5/2012	Public health assessment, final release - Evaluation of exposure to contamination at site, w/apps A-F	R09: (CA Dept of Public Health)	
1136797	11/13/2012	Quality assurance project plan (QAPP) for evaluating existing data, Rialto-Colton mid-basin groundwater evaluation	R09: (US Geological Survey)	R09: (Environmental Protection Agency - Region 9)
2277413	12/1/2012	Quality management plan, rev 10, Dec 2012, w/apps A-C	R09: (EnSafe Inc)	
1138332	2/26/2013	Administrative settlement agreement & order on consent (AOC) with Goodrich Corp for RI/FS, # 2013-01, w/apps A-B	R09: (Environmental Protection Agency - Region 9)	
100002144	2/27/2013	Technical Memo: Monitoring well installation & site groundwater sampling, w/appendices A-B	R09: Phillips, Peter (I T S I Gilbane Co)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
1138318	3/15/2013	Ltr: Contractor notification that TestAmerica, Inc will conduct sample analyses for project re EPA & Goodrich Corp respondent, for OUs 2 & 3 of Locust Ave site, as per AOC, w/TL to W Praskins fr J Teves, 3/18/13	R09: Bilder, Jr, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1138333	3/26/2013	Media Coverage - Goodrich Corp to clean up contamination at Rialto Superfund site	R09: (Associated Press)	
1138322	5/1/2013	Public Notices (3): Well drilling notice - in your neighborhood, starting on or about 5/1/13, installation of groundwater wells at E Cornell Dr, N Eucalyptus Ave, & E Elm Ct (English & Spanish)	R09: (Environmental Protection Agency - Region 9)	
1140070	5/1/2013	Sampling & analysis plan for Source Area OU of site, w/apps A-E & TL to W Praskins fr T Mai & H Balfour, 5/3/13	R09: (Environmental Resource Management)	R09: (Emhart Industries, Inc)
100001721	6/1/2013	Fact Sheet: Agreements end 9 years of litigation - cleanup work proceeding	R09: (Environmental Protection Agency - Region 9)	
100001702	7/1/2013	B F Goodrich Superfund site community involvement plan	R09: (Environmental Protection Agency - Region 9)	
1138329	7/2/2013	Consent decree (CD) #ED CV 09-01864 PSG (SSx), City of Colton v American Promotional Events, Inc, et al, w/appendices A-C (Goodrich Corp consent decree)	R09: (US Dept of Justice - Environment & Natural Resources Div)	
1147251	7/3/2013	Final RI/FS workplan for site OUs 2 & 3, w/apps A-D & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1144349	9/1/2013	RD investigation rpt for Source Area OU at site, w/apps A-D & TL to W Praskins fr H Balfour & T Mai, 9/26/13	R09: (Environmental Resource Management)	R09: (Emhart Industries, Inc)

Document ID	Document Date	Title	Author	Addressee
100024630	10/23/2013	OU2 data validation/verification rpts (6), calendar year 2013 - QA review of aqueous samples collected at United Technologies site (collected 5/20/13 - 10/3/13), w/TLs to D Bilder fr A Paiseki	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)
1147302	12/10/2013	Groundwater flow modeling workplan for site OUs 2 & 3, w/app A & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1147303	12/10/2013	Monitoring well installation & sampling rpt for site OU 2, w/apps A-H & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1147297	12/11/2013	Email: Announces 2012 groundwater results presented in 2013 groundwater sampling rpt, dated 12/10/13, prepared by EnSafe	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Crowley, Thomas (West Valley Water District)
1145951	12/12/2013	National priorities list, Final rule # 57 (Federal Register, v78, # 239, 12/12/13, pp 75475-83)	R09: (Federal Register (Periodical))	
1147308	2/6/2014	Ltr: Addendum to RI/FS workplan, dated 7/3/13 - informs of planned installation of two new groundwater monitoring wells (PW-13 & PW-14) & details significant changes fr RI/FS workplan, w/attch (map)	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1147316	3/24/2014	Technical Memo (Draft): Water balance analysis of Rialto-Colton groundwater basin	R09: (Geoscience Support Services, Inc)	R09: (West Valley Water District)
1147306	3/25/2014	Technical Memo (Draft): Rialto-Colton Basin groundwater model, flow model calibration plan	R09: (Geoscience Support Services, Inc)	R09: (West Valley Water District)
1147304	4/16/2014	Public Notice: Well drilling in neighborhood starting on or about 4/16/14	R09: (Environmental Protection Agency - Region 9)	
1147305	4/16/2014	Public Notice: Well drilling in neighborhood starting on or about 4/16/14 (Spanish)	R09: (Environmental Protection Agency - Region 9)	
1148776	5/2/2014	OU-3 investigation workplan for site	R09: (EnSafe Inc)	R09: (United Technologies Corp)

Document ID	Document Date	Title	Author	Addressee
1148772	5/15/2014	Ltr: Details EPA modifications to & gives partial approval of OU-3 investigation workplan for site, OU-3	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Donald (United Technologies Corp)
1145935	7/1/2014	Final monitoring well installation & sampling rpt, Source Area OU at site, w/appendices A-H & TL to W Praskins fr H Balfour & T Mai, 7/29/14	R09: (Environmental Resource Management)	R09: (Emhart Industries, Inc)
1145954	7/24/2014	Press Release: EPA honors 17 environmental job training program graduates in Rialto - Program prepares graduates for hazardous waste clean up jobs, w/email TL to A Garrett, et al, fr B Maier	R09: (Environmental Protection Agency - Region 9)	
1148773	8/29/2014	Technical Memo (Final): Assessment of soil & soil vapor data at site, OU-3, w/apps A-D, response to comments, & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1148775	9/19/2014	Ltr: As addendum to final OU-3 investigation workplan, informs of planned installation of two new soil vapor wells & describes significant changes, w/attch	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1148764	10/1/2014	RD investigation rpt for Source Area OU at site, w/apps A-D & TL to W Praskins fr H Balfour & T Mai	R09: (Environmental Resource Management)	R09: (Emhart Industries, Inc)
1148761	12/1/2014	Ltr: Additional groundwater sampling data for Source Area OU at site, 11/14, w/attchs 1-2	R09: Balfour, Heather (E R M-West, Inc), R09: Mai, Truong (E R M-West, Inc)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1241203	12/3/2014	OU2 data validation/verification rpts (8), calendar year 2014 - QA review of aqueous samples collected 6/9/14 - 11/20/14, w/TLS to D Bileer fr K Harsh	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)

Document ID	Document Date	Title	Author	Addressee
100023539	1/1/2015	Upper Santa Ana River Watershed integrated regional water management plan, w/o appendices A-J	R09: (R M C Water & Environment, Inc)	
1150313	2/1/2015	Monitoring well installation & sampling rpt, OU 2 of site, w/apps A-H, response to comments, & TL to W Praskins fr D Bilder, 2/27/15	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1149944	2/27/2015	Ltr: Informs that United Technologies will be installing additional soil vapor well (SV-6) at site in accordance with final OU 3 investigation workplan, dated 8/29/14, w/encl	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1159271	3/1/2015	Final rpt, evaluation of perchlorate sources in Rialto-Colton & Chino CA sub-basins using chlorine & oxygen isotope ratio analysis	R09: Hatzinger, Paul (C B & I Federal Services, L L C)	R09: (US Dept of Defense - Environmental Security Technology Certification Program), R09: (Environmental Security Technology
1159275	3/16/2015	Technical assistance needs assessment, final rpt, task order #2	R09: (Skeo Solutions, Inc)	
1149483	3/18/2015	Email: Informs of availability of new groundwater rpts on EPA's site webpage	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Berchtold, Kurt (CA Regional Water Quality Control Board - Santa
1150303	3/27/2015	Email: Confirms that pertinent changes to ERM SAP will be followed during sampling event at SAOU (Source Area Operable Unit) of site, provides list of changes	R09: Mora, Rebecca (AECOM)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9), R09: Towell, David (C H 2 M Hill, Inc)
1150305	3/27/2015	Forensic groundwater investigation workplan for site, w/response to comments & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
100023535	4/8/2015	Email: Agrees with use of Jan 2010 list as basis for State ARARs for Mid-Basin Operable Unit, w/history	R09: Abbasi, Rafat (CA Environmental Protection Agency - Dept of Toxic Substances Control)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1150298	4/27/2015	Ltr: 4/15 additional groundwater sampling data, Source Area OU of site, w/attchs 1-2	R09: Mora, Rebecca (AECOM)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
100003466	5/8/2015	Table: Results fr Apr 2015 Emhart sampling of groundwater monitoring wells EMW-01, EMW-03 & EMW-04 in Source Area OU (revised)		
1159274	6/2/2015	Ltr: Measurements of Rialto Basin index wells for Mar & Apr 2015, w/encl	R09: Headrick, Douglas (San Bernardino Valley Municipal Water District)	R09: Jakher, Amer (City of Colton)
1161930	7/9/2015	Email: Approves proposed changes to ERM SAP/QAPP & FSP, w/history	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Mora, Rebecca (AECOM)
1152163	7/10/2015	Email: Provides details re request for collection of two additional groundwater samples for comparison of sampling methods, HydraSleeve & valve bailer, in 7/15 groundwater sampling for site, w/history	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Donald (United Technologies Corp)
100015155	9/1/2015	Fact Sheet: Construction underway to clean up groundwater in North Rialto (English)	R09: (Environmental Protection Agency - Region 9)	
100015156	9/1/2015	Fact Sheet: Construction underway to clean up groundwater in North Rialto (Spanish)	R09: (Environmental Protection Agency - Region 9)	
1162665	9/1/2015	Peer review, Rialto-Colton Basin groundwater flow model, w/apps A-C	R09: (Balleau Groundwater, Inc)	R09: (San Bernardino Valley Municipal Water District)
1162662	9/21/2015	Technical Memo: Addendum to Rialto-Colton Basin groundwater flow model peer-review rpt, w/apps A-C	R09: Silver, Steve (Environmental Protection Agency - Region 9), R09: Romero, David (T N & Assoc, Inc)	R09: (File)
1161381	9/30/2015	Technical Memo: Rialto-Colton basin groundwater model - solute transport model calibration plan	R09: (Geoscience Support Services, Inc)	R09: (San Bernardino Valley Municipal Water District)
1157097	10/1/2015	Jul 2015 RD investigation rpt, Source Area OU, w/apps A-D	R09: (AECOM)	R09: (Emhart Industries, Inc)
1157068	10/16/2015	Technical Memo (Final): OU2 ARARs, RAOs, & Baseline Risk Assessment, w/apps A-D, response to comments, & TL to W Praskins fr D Bilder	R09: Teves, Josh (EnSafe Inc)	R09: (United Technologies Corp)

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1241204	11/23/2015	OU2 data validation/verification rpts (4), calendar year 2015 - QA review of aqueous samples collected 4/3/15 - 10/13/15, w/TLs to D Bilder fr J Gable	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)
1161372	12/1/2015	Technical Memo: Flow & solute transport model calibration of Rialto-Colton Basin groundwater model, w/apps A-H	R09: (Geoscience Support Services, Inc)	R09: (San Bernardino Valley Municipal Water District)
1161378	12/1/2015	Technical Memo: Development of joint groundwater model for Rialto-Colton groundwater basin, w/apps A-H	R09: (Geoscience Support Services, Inc)	R09: (San Bernardino Valley Municipal Water District), R09: (Goodrich Corp), R09: (West Valley Water District)
1161380	12/1/2015	Technical Memo: Predictive model runs of Rialto-Colton basin groundwater model, w/apps A-C	R09: (Geoscience Support Services, Inc)	R09: (San Bernardino Valley Municipal Water District)
1161377	1/1/2016	Monitoring well sampling rpt, w/apps A-C & TL to W Praskins fr D Bilder 1/15/16	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1159269	1/20/2016	Overheads (21): CEQA overview for recharge in Cactus Basins (presentation to RCB stakeholders)	R09: (San Bernardino Valley Municipal Water District)	
1161374	2/22/2016	Technical Memo: Preliminary analysis of groundwater extraction scenarios, OU2, w/app A & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1161366	3/7/2016	Email: EPA response to technical memo dated 2/22/16 (results of preliminary groundwater extraction scenarios)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Jr, Donald (United Technologies Corp), R09: Teves, Josh (EnSafe Inc)
1161367	3/30/2016	Email: Tuesday's planned call on OU2 FS - discusses proposed remedial alternatives	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Jr, Donald (United Technologies Corp)
1161376	5/2/2016	Forensic groundwater investigation rpt, w/appendix A & TL to W Praskins fr D Bilder 5/5/16	R09: (EnSafe Inc)	R09: (United Technologies Corp)
2365763	5/4/2016	Ltr: Follow up on 4/20/16 meeting re perchlorate contamination	R09: Mulligan, Kevin (City of Riverside)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)

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1162660	5/9/2016	Ltr: Update on Rialto Basin index wells measurements, per decree of 12/22/61 specifying annual monitoring - transmits 2016 results fr 3 index wells, w/encl	R09: Headrick, Douglas (San Bernardino Valley Municipal Water District)	R09: Kolk, David (City of Colton)
1162666	5/9/2016	Email: Data used in presentation preparation (isotopic data for flume wells), w/history & attchs	R09: Milligan, Kevin (City of Riverside - Dept of Public Utilities)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
100027232	8/1/2016	City of Colton 2016 integrated master plan - water master plan, final rpt, w/appendices A-G	R09: (Carollo Engineers, Inc)	R09: (City of Colton)
1161371	8/4/2016	Ltr: Detailed evaluation of remedial alternatives & additional groundwater characterization, w/encl	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Jr, Donald (United Technologies Corp)
1162667	8/4/2016	Ltr: EPA responds to six requests in 5/4/16 ltr (re OU2 groundwater sampling)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Milligan, Kevin (City of Riverside - Dept of Public Utilities)
1161373	8/15/2016	Technical Memo: Preliminary analysis of groundwater extraction scenarios, OU2, revision 1, w/app A & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1161361	8/23/2016	Ltr: Addendum #2 to RI/FS workplan, w/attchs	R09: Bilder, Jr, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1178314	9/20/2016	Ltr: Notifies that Eurofins Calscience will be conducting sample analyses at site, w/attchs	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1178330	10/1/2016	Monitoring well sampling rpt for OU2, w/appendices A-C & TL to W Praskins fr D Bilder, 10/27/16	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1178358	11/1/2016	Aug 2016 RD investigation rpt, Source Area OU, w/appendices A-D	R09: (AECOM)	R09: (Emhart Industries, Inc)
1178329	12/13/2016	Ltr: Additional guidance to supplement EPA's 8/4/16 ltr re detailed evaluation of remedial alternatives	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Donald (United Technologies Corp)

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1178331	1/30/2017	Memo: Conveys issues & resolution with Eurofins Calscience perchlorate data fr site	R09: Vitale, Rock (Environmental Standards, Inc), R09: Martin, Ammie (Environmental Standards, Inc)	R09: Bilder, Jr, Donald (United Technologies Corp)
100024974	2/2/2017	Site remediation agreement between Goodrich Corp & West Valley Water Dist (executed), w/appendix A	R09: (Goodrich Corp), R09: (West Valley Water District)	
100004106	2/17/2017	Technical Memo: Detailed evaluation of remedial alternatives for OU2 site, w/Apps A-B & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
1241205	5/8/2017	OU2 data validation/verification rpts (6), calendar year 2016 - QA review of aqueous samples collected 7/11/16 -12/22/16 w/TLs to D Bilder fr J Gable	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)
1178324	5/10/2017	Ltr: Comments on OU3 indoor air sampling final addendum #4 to investigation workplan w/attchs	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
100015152	5/18/2017	Ltr: Limits on amount of 2017 groundwater extractions allowed by 12/22/61 decree, w/encl	R09: Headrick, Douglas (San Bernardino Valley Municipal Water District)	R09: Kolk, David (City of Colton)
1178327	5/18/2017	Ltr: Comments on OU2 technical memo re detailed evaluation of remedial alternatives, w/attch	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Donald (United Technologies Corp)
1178325	6/22/2017	Ltr: Requests approval or addendum #3 to RI/FS workplan, w/attchs	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
100004097	7/1/2017	Public Notice: Notification of neighborhood well drilling starting on or about 7/31/17	R09: (Environmental Protection Agency - Region 9)	
100004098	7/1/2017	Public Notice: Notification of neighborhood well drilling, starting on or about 7/31/17 (Spanish)	R09: (Environmental Protection Agency - Region 9)	
100004094	7/11/2017	Ltr: Addendum #4 to RI/FS workplan, w/attchs	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
100004096	10/1/2017	OU3 investigation rpt w/apps A-C & TL to W Praskins fr D Bilder, 10/6/17	R09: (EnSafe Inc)	R09: (United Technologies Corp)

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100006352	11/1/2017	RD investigation rpt, w/appendices A-D	R09: (AECOM)	R09: (Emhart Industries, Inc)
1241206	1/22/2018	OU2 data validation/verification rpts (10), calendar year 2017 - QA review of aqueous samples collected 2/2/17 - 12/20/17, w/TLs to D Bilder fr J Gable	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)
100007020	2/21/2018	Monitoring well installation & sampling rpt OU2, w/appendices A-G & TL to W Praskins fr D Bilder 2/23/18	R09: (EnSafe Inc)	R09: (United Technologies Corp)
100007025	3/15/2018	Email: Approval of RI/FS workplan addendum #5, w/history & attch	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Donald (United Technologies Corp), R09: James, Jeff
100007013	3/22/2018	Email: Preliminary results fr PFAS sampling in Rialto-Colton basin	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Murphy, Ralph (GeoLogic Assoc, Inc), R09: Crowley, Thomas (West Valley Water District), R09: Chan, Joanne (West Valley Water District)
100015150	5/10/2018	Ltr: Limits on amount of 2018 groundwater extractions allowed by 12/22/61 decree	R09: Headrick, Douglas (San Bernardino Valley Municipal Water District)	R09: Kolk, David (City of Colton)
100027386	5/10/2018	Ltr: Rialto Basin decree of 12/22/61 specifies annual monitoring - transmits 2018 results fr 3 index wells, w/encl	R09: Headrick, Douglas (San Bernardino Valley Municipal Water District)	R09: Kolk, David (City of Colton)
100015136	6/1/2018	Memo: Colton-24 pumping impact analysis on OU2 groundwater plume in Rialto-Colton Basin, w/attchs & TL to W Praskins fr D Bilder	R09: James, Jeff (EnSafe Inc)	R09: Bilder, Donald (United Technologies Corp)
1241207	9/10/2018	OU2 data validation/verification rpts (12), calendar year 2018 - QA review of aqueous samples collected 2/26/18 & 7/9/18 - 7/19/18, w/TLs to D Bilder fr J Gable	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)
100015135	9/17/2018	Ltr: Request for concurrence re addendum # 6 to RI/FS workplan, w/attchs	R09: Bilder, Donald (United Technologies Corp)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
100023880	10/1/2018	Table: Maximum contaminant levels & regulatory dates & regulatory dates for drinking water, US EPA vs CA		

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100023537	10/29/2018	Email: OU2 remedial alternatives modeling - outlines recommendations	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Donald (United Technologies Corp), R09: James, Jeff
100015111	11/1/2018	RD investigation rpt, Source area OU, w/appendices A-D	R09: (AECOM)	R09: (Emhart Industries, Inc)
100015137	12/3/2018	Public Notice: Well drilling notice, in your neighborhood, starting on or about 12/3/18 (English)	R09: (Environmental Protection Agency - Region 9)	
100015138	12/3/2018	Public Notice: Well drilling notice, in your neighborhood, starting on or about 12/3/18 (Spanish)	R09: (Environmental Protection Agency - Region 9)	
100016345	12/14/2018	2018 monitoring well sampling rpt, w/appendices A-C & TL to W Praskins fr D Bilder	R09: (EnSafe Inc)	R09: (United Technologies Corp)
100023011	1/1/2019	Public Notice: Well drilling notice - in your neighborhood starting on or about 1/2/19 (English & Spanish)	R09: (Environmental Protection Agency - Region 9)	
100023879	2/7/2019	Fontana settlement agreement 9/12/18, w/amendments & quick guide to agreement & amendments	R09: (San Gabriel Valley Water Co), R09: (San Bernardino Valley Municipal Water District), R09: (City of Colton), R09: (Fontana Water Co), R09: (City of Rialto), R09: (West Valley Water District), R09: (Cucamonga Valley Water District)	
100023882	5/13/2019	Ltr: Rialto Basin decree of 12/22/61 specifies annual monitoring - transmits 2019 results fr 3 index wells, w/encl	R09: Headrick, Douglas (San Bernardino Valley Municipal Water District)	R09: Kolk, David (City of Colton)
100023008	6/24/2019	Technical Memo: Detailed evaluation of remedial alternatives, OU2 (revised final), w/appendices A & B & TL to W Praskins fr D Bilder 6/21/19	R09: Dunbar, David (EnSafe Inc)	R09: (United Technologies Corp)
100023013	7/30/2019	Forensic groundwater investigation rpt (final), w/TL to W Praskins fr D Bilder, Jr & appendices A & B	R09: Dunbar, David (EnSafe Inc)	R09: (United Technologies Corp)

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100023528	8/1/2019	Annual rpt of Western San Bernardino Watermaster for 2019 calendar year, w/TL to Clerk of Superior Court & 'all parties', fr D Headrick & C Miller	R09: (Western San Bernardino Watermaster)	
1241208	10/8/2019	OU2 data validation/verification rpts (12), calendar year 2019 - QA review of aqueous samples collected 3/1/19 - 7/18/19, w/TLS to D Bilder fr K Makara	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)
100021857	10/31/2019	RD investigation rpt, Source Area OU, w/appendices A-C	R09: (AECOM)	R09: (Emhart Industries, Inc)
100020042	12/9/2019	2019 monitoring well installation & sampling rpt, OU 2, San Bernardino County, CA, w/appendices A-D, w/o appendices E-G	R09: (EnSafe Inc)	R09: (United Technologies Corp)
100020153	12/9/2019	2019 monitoring well installation & sampling rpt, OU 2, San Bernardino County, CA (appendices E-G only)	R09: (EnSafe Inc)	R09: (United Technologies Corp)
100023007	12/31/2019	Ltr: EPA comments on revised OU2 technical memo - detailed evaluation of remedial alternatives, & response to comments (both dated 6/24/19), w/encl	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	R09: Bilder, Jr, Donald (United Technologies Corp)
100020041	3/31/2020	Forensic groundwater investigation rpt, PW-18 & PW-19, San Bernardino County, CA, (revised) w/appendices A & B	R09: (EnSafe Inc)	R09: (United Technologies Corp)
100023877	5/21/2020	Ltr: Rialto Basin decree of 12/22/61 specifies annual monitoring - transmits 2020 results fr 3 index wells, w/encl	R09: Dyer, Heather (San Bernardino Valley Municipal Water District)	R09: Kolk, David (City of Colton)
100021858	7/2/2020	RD investigation rpt, Source Area OU, w/appendix A	R09: (AECOM)	R09: (Emhart Industries, Inc)
100027231	7/16/2020	West Valley Water District 2020 water facilities master plan, final (Jul 2020), w/TL to L Jadeski fr T Akel 7/16/20 & appendices A-C	R09: (Akel Engineering Group, Inc)	R09: (West Valley Water District)

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100021410	8/28/2020	1st 5-year review rpt for Rockets, Fireworks, & Flares Superfund site, San Bernardino County CA, w/appendices A-G	R09: (Environmental Protection Agency - Region 9)	
100023533	9/21/2020	Memo: Process memo 97-005-R2020 - revised guidance for direct domestic use of extremely impaired sources	R09: (CA State Water Resources Control Board - Div of Drinking Water)	
1241209	9/29/2020	OU2 data validation/verification rpts (9), calendar year 2020 - QA review of aqueous samples collected 7/15/20 - 7/30/20, w/TLS to D Bilder fr K Makara	R09: (Environmental Standards, Inc)	R09: (United Technologies Corp)
100023883	11/1/2020	Table: Regional Screening Level (RSL) summary table (TR=1E-06, HQ=1)		
100022508	11/19/2020	2020 monitoring well sampling rpt - OU-2, w/appendices A-C & TL to W Praskins fr D Bilder 11/20/20	R09: (EnSafe Inc)	R09: (Raytheon Technologies Corp)
100023534	4/5/2021	Web Page: Project Updates – West Valley Water Dist	R09: (West Valley Water District)	
100024970	5/21/2021	Ltr: Rialto Basin decree of 12/22/61 specifies annual monitoring - transmits 2021 results fr 3 index wells, w/encl	R09: Dyer, Heather (San Bernardino Valley Municipal Water District)	R09: Dickinson, Brian (City of Colton - Public Works Dept)
100024971	5/24/2021	Ltr: Notice of termination for convenience, for design & construction of full-scale biological perchlorate destruction demonstration project	R09: Manbahal, Shamindra (West Valley Water District)	R09: Brown, Jess (Carollo Engineers, Inc)
100024972	6/11/2021	FS for OU2, w/TL to W Praskins fr D Bilder & appendices A & B	R09: (EnSafe Inc)	R09: (Raytheon Technologies Corp)
100024973	8/4/2021	Email: Thanks for incorporating DTSC comments into proposed EPA cleanup plan for OU2, & concurs with proposed plan, w/history	R09: Hijazi, Lina (CA Environmental Protection Agency - Dept of Toxic Substances Control)	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)
1242258	8/17/2021	List of US EPA guidance documents consulted during development & selection of response action for site	R09: Praskins, Wayne (Environmental Protection Agency - Region 9)	

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100027233	11/11/2021	2021 monitoring well sampling rpt (groundwater rpt), w/attchs A-D & TL to W Praskins fr D Bilder 11/12/21	R09: Valenzuela, Gabriela (EnSafe Inc)	R09: (Raytheon Technologies Corp)
100027387	1/1/2022	RD investigation rpt / baseline monitoring & sampling rpt, Source Area OU / OU1 remedy, w/appendix A-C	R09: (AECOM Technical Services, Inc)	R09: (Emhart Industries, Inc)
1243018	1/21/2022	Rockets, Fireworks & Flares (San Bernardino County, CA) OU-2 proposed plan administrative record (AR) index	R09: (Environmental Protection Agency - Region 9)	