

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
131RI-MW1	1W	Yes	S1	IA-10	E201306020	5/7/2013	586589.3	729807.6	X	X	X	X	X
138RI-MW1	1W	Yes	S1	IA-10	E201306319	5/10/2013	586421.1	729771.3	X	X	X	X	X
179RI-MW1	OVB	Yes	S1	IA-10	E201306285	5/8/2013	586504.2	730032.2	X	X	X	X	X
186RI-MW1	OVB	Yes	S1	IA-10	E201305800	5/3/2013	586258.9	729977.9	X	X	X	X	X
186RI-MW2	OVB	Yes	S1	IA-10	E201305801	4/30/2013	586382.3	729891.2	X	X	X	X	X
186RI-MW3	OVB	Yes	S1	IA-10	E201305808	4/30/2013	586490.1	729795.9	X	X	X	X	X
186RI-MW4	OVB	Yes	S1	IA-10	E201306018	5/7/2013	586555.8	729663.8	X	X	X	X	X
187RI-MW1	2W	Yes	S1	IA-10	E201305797	5/1/2013	586556.4	729325.5	X	X	X	X	X
187RI-MW1	2W	Yes	S1	IA-10	E201305797	5/1/2013	586556.4	729325.5	X	X	X	X	X
187RI-MW2	2W	Yes	S1	IA-10	E201305798	4/30/2013	586570.0	729168.4	X	X	X	X	X
187RI-MW3	2W	Yes	S1	IA-10	E201305799	4/29/2013	586607.1	729070.8	X	X	X	X	X
190RI-MW1	2W	Yes	S1	IA-10	E201305795	5/1/2013	586510.8	729362.2	X	X	X	X	X
190RI-MW2	2W	Yes	S1	IA-10	E201305796	4/30/2013	586553.7	729057.6	X	X	X	X	X
22RI-MW1	OVB	Yes	S1	IA-10	E201306290	5/7/2013	586562.5	729829.5	X	X	X	X	X
23RI-MW1	OVB	Yes	S1	IA-10	E201306683	5/15/2013	586452.2	729780.2	X	X	X	X	X
23RI-MW2	OVB	Yes	S1	IA-10	E201306868	5/16/2013	586479.8	729762.7	X	X	X	X	X
26RI-MW1	1W	Yes	S1	IA-10	N/A	5/20/2013	586300.2	729312.7			X	X	X
53RI-MW1	OVB	Yes	S1	IA-10	E201304935	4/18/2013	586119.1	730247.4	X	X	X	X	X
53RI-MW2	OVB	Yes	S1	IA-10	E201304937	4/22/2013	586177.8	730190.7	X	X	X	X	X
53RI-MW3	OVB	Yes	S1	IA-10	E201304940	4/16/2013	586113.7	730094.7	X	X	X	X	X
53RI-MW4	OVB	Yes	S1	IA-10	E201304941	4/16/2013	586029.0	730097.5	X	X	X	X	X
53RI-MW5	OVB	Yes	S1	IA-10	E201304943	4/19/2013	586040.4	730240.1	X	X	X	X	X
66RI-MW1	OVB	Yes	S1	IA-10	E201304921	4/15/2013	586407.8	730581.1	X	X	X	X	X
66RI-MW2	OVB	Yes	S1	IA-10	E201304925	4/15/2013	586607.4	730463.7	X	X	X	X	X
66RI-MW3	OVB	Yes	S1	IA-10	E201304929	4/17/2013	586674.7	730380.5	X	X	X	X	X
66RI-MW4	OVB	Yes	S1	IA-10	E201304931	4/17/2013	586648.3	730201.6	X	X	X	X	X
66RI-MW5	OVB	Yes	S1	IA-10	E201305780	5/2/2013	586597.5	730080.7	X	X	X	X	X
66RI-MW6	OVB	Yes	S1	IA-10	E201305781	5/2/2013	586467.8	730110.7	X	X	X	X	X
66RI-MW7	OVB	Yes	S1	IA-10	E201305782	5/2/2013	586346.3	730204.1	X	X	X	X	X
66RI-MW8	OVB	Yes	S1	IA-10	E201305783	5/3/2013	586221.8	730240.4	X	X	X	X	X
ART-1	OVB	Yes	S1	IA-02	E201310112	7/31/2013	587083.1	729371.4	X	X	X	X	X
ART-10	3W	No	S2	IA-06	E201504272	2/28/2015	586951.1	729271.8	X	X	X	X	X
ART-100	ND	ND	S3	IA-02	E201608424	7/28/2016	587129.6	729285.7	X	X	X	X	X
ART-101	ND	ND	S2	IA-12	E201607402	7/8/2016	587970.1	729760.4	X	X	X	X	X
ART-102	ND	ND	S2	IA-12	E201607403	7/7/2016	587946.4	729722.0	X	X	X	X	X
ART-103	ND	ND	S2	IA-07	E201609134	8/11/2016	587469.5	729083.6	X	X	X	X	X
ART-104	ND	ND	S2	IA-07	E201609135	8/11/2016	587428.5	729030.6	X	X	X	X	X
ART-11	3W	No	S2	IA-06	E201503931	5/13/2015	587001.8	729237.1	X	X	X	X	X
ART-12	3W	No	S2	IA-06	E201503982	5/11/2015	587078.3	729215.8	X	X	X	X	X
ART-13	3W	No	S2	IA-06	E201504273	6/3/2015	586942.5	729214.0	X	X	X	X	X
ART-14	3W	No	S2	IA-06	E201503933	5/14/2015	586987.6	729181.9	X	X	X	X	X
ART-15	3W	No	S2	IA-06	E201503934	5/15/2015	586988.0	729128.8	X	X	X	X	X
ART-16	OVB	Yes	S2	IA-07	E201500481	2/5/2015	587387.3	728472.8	X	X	X	X	X
ART-17	ND	ND	S2	IA-12	E201507645	7/23/2015	587875.5	729882.7	X	X	X	X	X
ART-18	ND	ND	S2	IA-12	E201509196	8/18/2015	587911.9	729860.0	X	X	X	X	X
ART-19	ND	ND	S2	IA-12	E201509198	9/1/2015	587943.2	729848.6	X	X	X	X	X
ART-2	OVB	Yes	S1	IA-02	E201310113	8/2/2013	587117.7	729332.7	X	X	X	X	X
ART-20	ND	ND	S2	IA-12	E201507647	7/27/2015	587841.7	729817.7	X	X	X	X	X
ART-21	ND	ND	S2	IA-12	E201509195	8/21/2015	587883.2	729829.8	X	X	X	X	X
ART-22	ND	ND	S2	IA-12	E201511377	10/8/2015	587929.5	729807.3	X	X	X	X	X
ART-23	ND	ND	S2	IA-12	E201509741	9/17/2015	587997.8	729812.0	X	X	X	X	X
ART-26	ND	ND	S2	IA-12	E201509530	9/3/2015	587864.8	729779.9	X	X	X	X	X
ART-27	ND	ND	S2	IA-12	E201509718	9/17/2015	587837.7	729744.6	X	X	X	X	X
ART-28	ND	ND	S2	IA-12	E201508761	8/13/2015	587916.8	729665.5	X	X	X	X	X
ART-29	ND	ND	S2	IA-12	E201507727	9/25/2015	587788.5	729714.0	X	X	X	X	X
ART-3	OVB	Yes	S2	IA-02	E201310114	8/6/2013	587102.5	729383.2	X	X	X	X	X
ART-30	ND	ND	S2	IA-12	E201506889	7/21/2015	587884.6	729642.5	X	X	X	X	X
ART-31	ND	ND	S2	IA-03	E201506934	8/26/2015	587771.2	729614.0	X	X	X	X	X
ART-32	ND	ND	S2	IA-03	E201506936	9/18/2015	587799.7	729587.2	X	X	X	X	X
ART-33	ND	ND	S2	IA-04	E201506935	9/2/2015	587717.0	729587.6	X	X	X	X	X
ART-34	ND	ND	S2	IA-03	E201506937	7/14/2015	587754.0	729546.7	X	X	X	X	X
ART-35	ND	ND	S2	IA-03	E201506938	8/12/2015	587711.9	729531.4	X	X	X	X	X
ART-36	ND	ND	S2	IA-12	E201509742	9/10/2015	588027.3	729778.0	X	X	X	X	X
ART-37	ND	ND	S2	IA-12	E201508759	8/20/2015	588020.8	729729.8	X	X	X	X	X
ART-38	ND	ND	S2	IA-12	E201508762	8/21/2015	587996.2	729679.8	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
ART-39	ND	ND	S2	IA-12	E201506903	7/16/2015	587967.5	729642.9	X	X	X	X	X
ART-4	ND	ND	S2	IA-12	E201411687	9/19/2014	587851.2	729720.3	X	X	X	X	X
ART-40	ND	ND	S2	IA-12	E201506905	7/14/2015	587942.3	729611.1	X	X	X	X	X
ART-41	ND	ND	S3	IA-01	E201506127	7/13/2015	587154.0	730079.5	X	X	X	X	X
ART-42	ND	ND	S3	IA-04	E201506128	7/13/2015	587211.3	730045.9	X	X	X	X	X
ART-43	ND	ND	S3	IA-01	E201508406	9/14/2015	587121.4	730057.2	X	X	X	X	X
ART-44	ND	ND	S3	IA-04	E201506762	7/21/2015	587220.9	730002.7	X	X	X	X	X
ART-45	ND	ND	S2	IA-01	E201508898	9/11/2015	587083.5	730044.0	X	X	X	X	X
ART-46	ND	ND	S2	IA-01	E201508899	9/14/2015	587141.9	730006.3	X	X	X	X	X
ART-47	ND	ND	S2	IA-04	E201506760	7/23/2015	587201.7	729968.5	X	X	X	X	X
ART-48	ND	ND	S2	IA-01	E201508900	9/11/2015	587080.2	729974.6	X	X	X	X	X
ART-49	ND	ND	S2	IA-04	E201508901	9/11/2015	587149.7	729953.9	X	X	X	X	X
ART-5	ND	ND	S2	IA-12	E201410706	9/3/2014	587877.3	729671.2	X	X	X	X	X
ART-50	ND	ND	S2	IA-04	E201506761	7/28/2015	587208.9	729915.3	X	X	X	X	X
ART-51	ND	ND	S2	IA-01	E201509142	8/27/2015	587018.8	729942.3	X	X	X	X	X
ART-52	ND	ND	S2	IA-01	E201508902	9/14/2015	587076.7	729904.5	X	X	X	X	X
ART-53	ND	ND	S2	IA-04	E201507212	7/28/2015	587136.5	729866.3	X	X	X	X	X
ART-54	ND	ND	S2	IA-01	E201508650	8/5/2015	586910.1	729936.8	X	X	X	X	X
ART-55	ND	ND	S2	IA-01	E201508407	9/14/2015	586955.7	729911.0	X	X	X	X	X
ART-56	ND	ND	S2	IA-01	E201508408	8/25/2015	587012.3	729873.5	X	X	X	X	X
ART-57	ND	ND	S2	IA-01	E201508409	8/19/2015	587073.9	729834.1	X	X	X	X	X
ART-58	ND	ND	S3	IA-01	E201506012	7/7/2015	586844.4	729903.2	X	X	X	X	X
ART-59	ND	ND	S3	IA-01	E201506013	6/19/2015	586888.3	729872.1	X	X	X	X	X
ART-6	ND	ND	S2	IA-12	E201410819	8/21/2014	587828.1	729684.7	X	X	X	X	X
ART-60	ND	ND	S3	IA-01	E201506014	8/10/2015	586949.2	729829.1	X	X	X	X	X
ART-61	ND	ND	S3	IA-01	E201506015	8/31/2015	587004.1	729791.0	X	X	X	X	X
ART-62	ND	ND	S3	IA-04	E201506467	7/27/2015	587066.4	729752.3	X	X	X	X	X
ART-63	ND	ND	S3	IA-01	E201506016	6/30/2015	586855.5	729821.6	X	X	X	X	X
ART-64	ND	ND	S3	IA-01	E201506017	8/5/2015	586917.0	729781.2	X	X	X	X	X
ART-65	ND	ND	S3	IA-01	E201508410	8/31/2015	586973.1	729744.6	X	X	X	X	X
ART-66	ND	ND	S3	IA-04	E201506468	8/3/2015	587032.3	729707.0	X	X	X	X	X
ART-67	ND	ND	S3	IA-01	E201506018	8/11/2015	586853.2	729750.2	X	X	X	X	X
ART-68	ND	ND	S3	IA-01	E201506945	7/27/2015	586907.8	729714.9	X	X	X	X	X
ART-69	ND	ND	S3	IA-01	E201506946	7/30/2015	586970.0	729675.6	X	X	X	X	X
ART-7	3W	No	S2	IA-06	E201504271	5/18/2015	586957.3	729319.7	X	X	X	X	X
ART-70	ND	ND	S3	IA-01	E201506019	9/4/2015	586835.3	729677.2	X	X	X	X	X
ART-71	ND	ND	S3	IA-01	E201506947	7/23/2015	586908.7	729643.7	X	X	X	X	X
ART-72	ND	ND	S3	IA-02	E201506469	7/23/2015	586967.5	729604.8	X	X	X	X	X
ART-73	ND	ND	S3	IA-01	E201506948	7/28/2015	586848.1	729619.3	X	X	X	X	X
ART-74	ND	ND	S3	IA-02	E201506949	8/26/2015	586911.2	729563.3	X	X	X	X	X
ART-75	2W	Yes	S1	IA-06	E201509618	8/27/2015	586819.3	729255.6	X	X	X	X	X
ART-76	2W	Yes	S1	IA-06	E201509619	8/31/2015	586840.7	729241.5	X	X	X	X	X
ART-77	2W	No	S2	IA-06	E201509621	8/28/2015	586830.6	729239.7	X	X	X	X	X
ART-78	2W	Yes	S1	IA-06	E201509620	8/31/2015	586821.1	729228.6	X	X	X	X	X
ART-79	2W	No	S2	IA-06	E201507859	8/14/2015	586851.7	729201.2	X	X	X	X	X
ART-8	3W	No	S2	IA-06	E201415818	12/17/2014	587031.6	729288.1	X	X	X	X	X
ART-80	2W	No	S2	IA-06	E201507858	8/14/2015	586803.9	729208.0	X	X	X	X	X
ART-81	3W	No	S2	IA-06	E201507860	8/4/2015	586848.6	729143.0	X	X	X	X	X
ART-82	2W	No	S2	IA-06	E201507861	8/5/2015	586791.8	729150.9	X	X	X	X	X
ART-83	3W	No	S2	IA-06	E201510165	10/2/2015	586854.2	729072.8	X	X	X	X	X
ART-84	2W	No	S2	IA-06	E201510166	9/30/2015	586762.8	729107.6	X	X	X	X	X
ART-85	3W	No	S2	IA-06	E201510167	9/29/2015	586818.2	729078.5	X	X	X	X	X
ART-86	2W	No	S3	IA-06	E201509972	9/30/2015	586756.6	729068.1	X	X	X	X	X
ART-87	2W	No	S2	IA-06	E201510168	9/30/2015	586745.0	729058.4	X	X	X	X	X
ART-88	2W	No	S3	IA-06	E201509973	9/30/2015	586761.6	729015.3	X	X	X	X	X
ART-89	2W	Yes	S1	IA-06	E201510617	9/14/2015	586785.8	729170.0	X	X	X	X	X
ART-9	3W	No	S2	IA-06	E201503981	5/12/2015	587100.5	729246.9	X	X	X	X	X
ART-90	ND	ND	S2	IA-07	E201514692	1/15/2016	587547.0	729030.3	X	X	X	X	X
ART-91	OVB	Yes	S2	IA-07	E201514693	1/19/2016	587492.3	729043.8	X	X	X	X	X
ART-92	ND	ND	S2	IA-07	E201514694	1/19/2016	587604.0	728994.0	X	X	X	X	X
ART-93	OVB	Yes	S2	IA-07	E201514809	1/14/2016	587451.1	728989.5	X	X	X	X	X
ART-94	ND	ND	S2	IA-07	E201514811	1/22/2016	587529.6	728965.2	X	X	X	X	X
ART-95	OVB	Yes	S2	IA-07	E201514812	2/1/2016	587383.0	728942.8	X	X	X	X	X
ART-96	ND	ND	S2	IA-07	E201514814	1/12/2016	587463.0	728918.6	X	X	X	X	X
ART-97	OVB	Yes	S2	IA-07	E201514815	1/6/2016	587361.8	728863.4	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
ART-98	OVB	Yes	S2	IA-07	E201514818	1/18/2016	587423.7	728842.2	X	X	X	X	X
ART-99	ND	ND	S3	IA-02	E201608423	7/27/2016	587150.9	729294.3	X	X	X	X	X
ART-MW-1	OVB	Yes	S1	IA-02	E201310219	7/29/2013	587122.0	729334.0	X	X	X	X	X
ART-MW-2	OVB	Yes	S1	IA-02	E201310220	7/30/2013	587094.2	729381.3	X	X	X	X	X
ART-MW-2AR	OVB	Yes	S1	IA-02	E201501059	3/3/2015	587099.7	729378.9	X	X	X	X	X
ART-MW-3	OVB	Yes	S1	IA-02	E201310221	7/29/2013	587062.6	729385.8	X	X	X	X	X
ART-MW-3AR	OVB	Yes	S1	IA-02	E201501060	3/17/2015	587061.2	729380.3	X	X	X	X	X
ART-MW-4	OVB	Yes	S1	IA-02	E201310222	7/30/2013	587104.1	729311.0	X	X	X	X	X
ART-MW-4AR	OVB	Yes	S1	IA-02	E201501061	3/17/2015	587099.9	729321.6	X	X	X	X	X
ART-MW-5	ND	ND	S1	IA-02	E201310117	7/31/2013	587105.1	729363.7	X	X	X	X	X
ART-MW-5BR	3W	Yes	S1	IA-02	E201501063	3/11/2015	587106.5	729359.1	X	X	X	X	X
ART-MW-6	ND	ND	S2	IA-02	E201310118	7/31/2013	587090.3	729399.2	X	X	X	X	X
ART-MW-6BR	3W	No	S2	IA-02	E201501062	3/11/2015	587088.1	729396.0	X	X	X	X	X
ART-VP-1	OVB	Yes	S1	IA-02	E201309591	7/18/2013	587085.7	729375.1	X	X	X	X	X
ART-VP-10	OVB	Yes	S1	IA-02	E201309755	7/24/2013	587118.1	729371.5	X	X	X	X	X
ART-VP-11	OVB	Yes	S1	IA-02	E201309756	7/25/2013	587107.1	729379.4	X	X	X	X	X
ART-VP-12	OVB	Yes	S1	IA-02	E201309757	7/23/2013	587116.2	729403.3	X	X	X	X	X
ART-VP-2	OVB	Yes	S1	IA-02	E201309594	7/19/2013	587090.9	729383.6	X	X	X	X	X
ART-VP-3	OVB	Yes	S1	IA-02	E201309599	7/22/2013	587077.7	729362.3	X	X	X	X	X
ART-VP-4	OVB	Yes	S1	IA-02	E201309600	7/23/2013	587067.3	729345.7	X	X	X	X	X
ART-VP-5	OVB	Yes	S1	IA-02	E201309686	7/19/2013	587096.1	729392.8	X	X	X	X	X
ART-VP-6	OVB	Yes	S1	IA-02	E201309688	7/29/2013	587091.5	729346.9	X	X	X	X	X
ART-VP-7	OVB	Yes	S1	IA-02	E201309689	7/23/2013	587064.5	729341.3	X	X	X	X	X
ART-VP-8	OVB	Yes	S1	IA-02	E201309690	7/30/2013	587125.4	729327.8	X	X	X	X	X
ART-VP-9	OVB	Yes	S1	IA-02	E201309747	7/24/2013	587128.1	729349.4	X	X	X	X	X
BIOS-10B	2W	No	S2	IA-06	E201509707	8/28/2015	586742.2	729099.8	X	X	X	X	X
BIOS-11B	2W	No	S2	IA-06	E201509706	8/24/2015	586766.7	729084.4	X	X	X	X	X
BIOS-12B	2W	No	S2	IA-06	E201509472	8/20/2015	586802.7	729070.3	X	X	X	X	X
BIOS-13B	2W	No	S2	IA-06	E201509469	8/28/2015	586738.9	729064.1	X	X	X	X	X
BIOS-14B	2W	No	S2	IA-06	E201509164	8/20/2015	586781.2	729036.6	X	X	X	X	X
BIOS-15B	2W	No	S2	IA-06	E201509152	8/20/2015	586742.2	729029.5	X	X	X	X	X
BIOS-1B	2W	No	S2	IA-06	E201507679	8/10/2015	586792.5	729179.1	X	X	X	X	X
BIOS-2B	2W	No	S2	IA-06	E201507680	8/10/2015	586825.2	729158.9	X	X	X	X	X
BIOS-3B	3W	No	S2	IA-06	E201507681	8/10/2015	586854.8	729140.1	X	X	X	X	X
BIOS-4B	2W	No	S2	IA-06	E201507682	8/10/2015	586775.7	729152.3	X	X	X	X	X
BIOS-5B	2W	No	S2	IA-06	E201507683	8/10/2015	586821.0	729124.1	X	X	X	X	X
BIOS-6B	3W	No	S2	IA-06	E201507684	8/10/2015	586855.8	729102.4	X	X	X	X	X
BIOS-7B	2W	No	S2	IA-06	E201509710	8/27/2015	586762.8	729123.6	X	X	X	X	X
BIOS-8B	2W	No	S2	IA-06	E201509109	8/20/2015	586797.8	729100.3	X	X	X	X	X
BIOS-9B	2W	No	S2	IA-06	E201509708	8/26/2015	586838.8	729076.1	X	X	X	X	X
CGSVE-1	OVB	Yes	S1	IA-06	E201314605	10/14/2013	586855.1	729281.8	X	X	X	X	X
CGVP-1	OVB	Yes	S1	IA-06	E201315037	10/17/2013	586865.8	729298.6	X	X	X	X	X
CGVP-10	OVB	Yes	S1	IA-06	E201315046	10/18/2013	586832.8	729213.7	X	X	X	X	X
CGVP-11	OVB	Yes	S1	IA-06	E201315047	10/18/2013	586798.0	729228.8	X	X	X	X	X
CGVP-12	OVB	Yes	S1	IA-06	E201315048	10/18/2013	586810.7	729221.0	X	X	X	X	X
CGVP-13	OVB	Yes	S1	IA-06	E201315049	10/18/2013	586840.3	729202.1	X	X	X	X	X
CGVP-14	OVB	Yes	S1	IA-06	E201315050	10/18/2013	586820.1	729207.7	X	X	X	X	X
CGVP-15	OVB	Yes	S1	IA-06	E201315051	10/18/2013	586817.6	729203.7	X	X	X	X	X
CGVP-16	OVB	Yes	S1	IA-06	E201315052	10/18/2013	586808.3	729197.8	X	X	X	X	X
CGVP-2	OVB	Yes	S1	IA-06	E201315038	10/17/2013	586860.2	729289.9	X	X	X	X	X
CGVP-3	OVB	Yes	S1	IA-06	E201315039	10/17/2013	586850.9	729284.2	X	X	X	X	X
CGVP-4	OVB	Yes	S1	IA-06	E201315040	10/17/2013	586829.4	729297.4	X	X	X	X	X
CGVP-5	OVB	Yes	S1	IA-06	E201315041	10/17/2013	586867.8	729273.6	X	X	X	X	X
CGVP-6	OVB	Yes	S1	IA-06	E201315042	10/18/2013	586850.9	729275.3	X	X	X	X	X
CGVP-7	OVB	Yes	S1	IA-06	E201315043	10/18/2013	586833.7	729247.8	X	X	X	X	X
CGVP-8	OVB	Yes	S1	IA-06	E201315044	10/18/2013	586834.3	729230.4	X	X	X	X	X
CGVP-9	OVB	Yes	S1	IA-06	E201315045	10/18/2013	586835.4	729217.9	X	X	X	X	X
CH-1	ND	ND	D4	IA-06	2600065933	10/25/2002	586730.7	729042.1	X	X	X	X	X
CH-10	ND	ND	D3	IA-04	2600069274	10/27/2003	587485.1	729462.0	X	X	X	X	X
CH-11	ND	ND	D3	IA-12	P200910166	8/27/2009	587880.7	729676.2	X	X	X	X	X
CH-12	ND	ND	D3	IA-12	P200910167	8/24/2009	588636.3	729143.6	X	X	X	X	X
CH-13	ND	ND	D3	IA-03	P200910168	10/20/2009	588338.5	728935.2	X	X	X	X	X
CH-13A	ND	ND	D4	IA-03	E201310614	8/14/2013	588338.5	728935.2	X	X	X	X	X
CH-14	ND	ND	D3	IA-03	P200910163	11/5/2009	587955.4	728938.0	X	X	X	X	X
CH-15	ND	ND	D3	IA-09	N/A	10/5/2009	587286.3	728875.5			X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
CH-16	ND	ND	D3	IA-07	P200910152	9/18/2009	588060.3	728471.4	X	X	X	X	X
CH-17	ND	ND	D3	IA-11	P200910156	9/28/2009	587207.6	728161.3	X	X	X	X	X
CH-17 Port 1	ND	ND	S3	IA-11	E201119968-1	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 10	ND	ND	D3	IA-11	E201119968-10	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 11	ND	ND	D3	IA-11	E201119968-11	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 12	ND	ND	D3	IA-11	E201119968-12	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 2	ND	ND	D1	IA-11	E201119968-2	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 3	ND	ND	D1	IA-11	E201119968-3	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 4	ND	ND	D2	IA-11	E201119968-4	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 5	ND	ND	D2	IA-11	E201119968-5	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 6	ND	ND	D2	IA-11	E201119968-6	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 7	ND	ND	D2	IA-11	E201119968-7	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 8	ND	ND	D2	IA-11	E201119968-8	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 9	ND	ND	D2	IA-11	E201119968-9	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-18	ND	ND	D3	IA-07	P200910164	10/30/2009	587962.3	728026.5	X	X	X	X	X
CH-19	ND	ND	D3	IA-13	P200910165	10/13/2009	587671.1	727619.7	X	X	X	X	X
CH-2	ND	ND	D4	IA-10	2600066034	11/15/2002	586515.6	730464.2	X	X	X	X	X
CH-20	ND	ND	D3	IA-07	P200910154	9/9/2009	588155.4	728346.1	X	X	X	X	X
CH-3	ND	ND	D3	IA-10	2600069525	1/20/2004	585932.2	729997.3	X	X	X	X	X
CH-4	ND	ND	D3	IA-10	2600068945	9/15/2003	586504.9	729748.3	X	X	X	X	X
CH-5	ND	ND	D3	IA-10	2600068946	9/24/2003	586754.1	728567.8	X	X	X	X	X
CH-6	ND	ND	D4	IA-09	2600069196	10/9/2003	587325.3	729133.3	X	X	X	X	X
CH-7	ND	ND	D3	IA-07	2600069275	10/16/2003	587796.7	728561.5	X	X	X	X	X
CH-8	ND	ND	D3	IA-04	2600069273	11/4/2003	587027.5	729652.5	X	X	X	X	X
CH-9	ND	ND	D3	IA-10	2600069276	10/22/2003	586530.2	728779.7	X	X	X	X	X
DW-10B	4E	No	D1	IA-11	E201218106	1/14/2013	587173.6	728451.2	X	X	X	X	X
DW-10C	5E	No	D2	IA-11	E201218107	1/15/2013	587159.8	728460.1	X	X	X	X	X
DW-11B	5E	No	D1	Offsite	E201300242	4/26/2013	586764.0	727529.8	X	X	X	X	X
DW-11D	5E	No	D3	Offsite	E201300243	5/2/2013	586755.0	727514.7	X	X	X	X	X
DW-12A	4W	No	D1	IA-04	E201300227	2/8/2013	587042.1	729676.0	X	X	X	X	X
DW-12B	5W	No	D1	IA-04	E201300228	2/7/2013	587010.2	729663.6	X	X	X	X	X
DW-12C	5W	No	D3	IA-04	E201301051	4/2/2013	587027.5	729652.5	X	X	X	X	X
DW-12CR	5W	No	D3	IA-04	E201412451	11/4/2014	587021.9	729684.5	X	X	X	X	X
DW-13A	3W	No	S3	IA-10	E201219022	1/10/2013	586543.1	728799.0	X	X	X	X	X
DW-13B	5W	No	D1	IA-10	E201219023	1/10/2013	586509.9	728796.1	X	X	X	X	X
DW-13D	5W	No	D3	IA-10	E201301053	4/3/2013	586530.2	728779.7	X	X	X	X	X
DW-13-D2	5W	No	D2	IA-10	E201402656	3/19/2014	586527.0	728814.0	X	X	X	X	X
DW-14A	4W	No	D1	IA-10	E201300229	4/5/2013	586485.1	729754.5	X	X	X	X	X
DW-14B	5W	No	D2	IA-10	E201300230	2/26/2013	586501.0	729725.7	X	X	X	X	X
DW-14C	5W	No	D3	IA-10	E201301074	4/5/2013	586504.9	729748.3	X	X	X	X	X
DW-15A	3W	No	D1	IA-10	E201300233	2/5/2013	586501.6	730443.8	X	X	X	X	X
DW-15B	5W	No	D2	IA-10	E201300234	2/19/2013	586536.7	730450.1	X	X	X	X	X
DW-15C	5W	No	D3	IA-10	E201301077	3/29/2013	586515.6	730464.2	X	X	X	X	X
DW-16A	3W	No	D1	IA-10	E201300231	3/28/2013	585961.9	729998.8	X	X	X	X	X
DW-16B	4W	No	D2	IA-10	E201300232	4/2/2013	585937.3	730015.7	X	X	X	X	X
DW-16C	5W	No	D3	IA-10	E201301078	4/2/2013	585932.2	729997.3	X	X	X	X	X
DW-17C	5E	No	D1	IA-14	E201301431	4/26/2013	588315.2	726940.4	X	X	X	X	X
DW-17D	5E	No	D2	IA-14	E201301432	3/29/2013	588299.9	726925.6	X	X	X	X	X
DW-18C	5E	No	D1	Offsite	E201308557	8/22/2013	589867.8	728458.9	X	X	X	X	X
DW-18D	5E	No	D3	Offsite	E201308559	8/27/2013	589860.8	728448.3	X	X	X	X	X
DW-19D	5E	No	D3	IA-13	E201310393	8/14/2013	587671.0	727619.6	X	X	X	X	X
DW-1B	5E	Yes	S1	Offsite	E201300236	4/23/2013	588850.3	727758.7	X	X	X	X	X
DW-1C	5E	No	D1	Offsite	E201300237	4/25/2013	588862.5	727774.4	X	X	X	X	X
DW-1D	5E	No	D3	Offsite	E201300238	5/1/2013	588845.5	727751.9	X	X	X	X	X
DW-20D	5W	No	D4	IA-09	E201316242	10/2/2013	587325.2	729133.1	X	X	X	X	X
DW-21A	5W	No	D1	IA-04	E201409432	7/28/2014	587478.1	729451.3	X	X	X	X	X
DW-21D	5W	No	D3	IA-04	E201316252	10/3/2013	587485.0	729461.9	X	X	X	X	X
DW-22D	5W	No	D4	IA-04	E201316254	10/11/2013	587448.9	729610.8	X	X	X	X	X
DW-23D	5E	No	D4	IA-03	E201316255	10/21/2013	588358.0	728812.4	X	X	X	X	X
DW-24	5E	No	D1	Offsite	E201314457	11/7/2013	587288.7	726074.0	X	X	X	X	X
DW-25A	5E	No	D1	IA-15	E201402662	4/22/2014	587411.0	727475.3	X	X	X	X	X
DW-25B	5E	No	D2	IA-15	E201402661	5/8/2014	587442.0	727409.6	X	X	X	X	X
DW-25C	5E	No	D3	IA-15	E201402660	7/28/2014	587431.1	727433.7	X	X	X	X	X
DW-25D	5E	No	D4	IA-15	E201318583	3/14/2014	587436.3	727420.9	X	X	X	X	X
DW-25-D1	5E	No	D1	IA-15	E201413490	12/10/2014	587443.1	727418.0	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
DW-26	5W	No	D1	IA-06	E201318586	12/20/2013	586994.7	729189.6	X	X	X	X	X
DW-27A	3W	No	D1	IA-10	E201318462	12/20/2013	586201.2	729545.2	X	X	X	X	X
DW-27B	5W	No	D2	IA-10	E201315239	12/20/2013	586191.3	729550.7	X	X	X	X	X
DW-27C	5W	No	D3	IA-10	E201402655	3/24/2014	586203.3	729558.8	X	X	X	X	X
DW-28A	5E	No	D1	IA-12	E201402669	4/18/2014	588599.1	729432.3	X	X	X	X	X
DW-28B	5E	No	D2	IA-12	E201402668	4/4/2014	588590.5	729432.8	X	X	X	X	X
DW-29A	5E	No	D1	IA-12	E201317984	1/9/2014	588327.7	729592.1	X	X	X	X	X
DW-29B	5E	No	D2	IA-12	E201315491	1/9/2014	588339.0	729594.5	X	X	X	X	X
DW-29C	5E	No	D3	IA-12	E201402670	4/16/2014	588345.8	729581.4	X	X	X	X	X
DW-2B	5E	No	S3	IA-12	E201217456	12/6/2012	588619.2	729154.4	X	X	X	X	X
DW-2D	5E	No	D3	IA-12	E201301091	4/6/2013	588636.3	729143.6	X	X	X	X	X
DW-2-D1	5E	No	D1	IA-12	E201402665	4/8/2014	588652.0	729143.8	X	X	X	X	X
DW-2-D2	5E	No	D2	IA-12	E201402664	4/8/2014	588637.5	729123.3	X	X	X	X	X
DW-30A	5W	No	D1	IA-12	E201317979	1/10/2014	587677.6	730002.2	X	X	X	X	X
DW-30B	5W	No	D2	IA-12	E201315493	1/10/2014	587688.5	729995.0	X	X	X	X	X
DW-31A	4W	No	D1	IA-12	E201402141	4/16/2014	587176.4	730300.5	X	X	X	X	X
DW-31B	5W	No	D2	IA-12	E201402152	4/15/2014	587185.7	730294.7	X	X	X	X	X
DW-31C	5W	No	D3	IA-12	E201402878	4/15/2014	587198.0	730293.3	X	X	X	X	X
DW-32A	3W	No	D1	IA-12	E201318587	1/10/2014	586772.9	730479.2	X	X	X	X	X
DW-32B	5W	No	D2	IA-12	E201315585	1/10/2014	586772.7	730469.5	X	X	X	X	X
DW-33A	2W	No	D1	IA-10	E201401464	2/26/2014	586343.9	730549.1	X	X	X	X	X
DW-33B	4W	No	D2	IA-10	E201318598	2/26/2014	586347.9	730558.6	X	X	X	X	X
DW-33C	5W	No	D3	IA-10	E201402654	4/4/2014	586356.0	730544.6	X	X	X	X	X
DW-34A	2W	No	D1	Private Road	E201318592	1/10/2014	585637.0	730430.1	X	X	X	X	X
DW-34B	3W	No	D2	Private Road	E201315235	1/2/2014	585625.2	730437.9	X	X	X	X	X
DW-35A	2W	No	D1	IA-10	E201318666	1/15/2014	586225.1	730001.8	X	X	X	X	X
DW-35B	5W	No	D2	IA-10	E201408039	3/31/2014	586228.7	729991.1	X	X	X	X	X
DW-36A	5E	No	D1	IA-03	E201402676	5/14/2014	588545.8	728744.7	X	X	X	X	X
DW-36B	5E	No	D2	IA-03	E201402677	5/15/2014	588537.6	728750.9	X	X	X	X	X
DW-37A	5E	No	D1	IA-07	E201401598	4/8/2014	588333.6	728476.1	X	X	X	X	X
DW-37B	5E	No	D2	IA-07	E201400890	3/11/2014	588325.2	728464.3	X	X	X	X	X
DW-38A	5E	No	D1	IA-07	E201401595	4/23/2014	588146.0	728209.8	X	X	X	X	X
DW-38B	5E	No	D2	IA-07	E201400995	3/19/2014	588152.2	728215.4	X	X	X	X	X
DW-38C	5E	No	D3	IA-07	E201407795	7/16/2014	588155.3	728346.0	X	X	X	X	X
DW-39A	5E	No	D1	IA-13	E201402678	5/22/2014	587880.1	727554.8	X	X	X	X	X
DW-39B	5E	No	D2	IA-13	E201402679	6/3/2014	587876.6	727543.6	X	X	X	X	X
DW-39C	5E	No	D3	IA-13	E201402680	7/9/2014	587873.2	727532.4	X	X	X	X	X
DW-3B	5E	No	S3	IA-07	E201218158	12/26/2012	587943.9	728010.4	X	X	X	X	X
DW-3C	5E	No	D1	IA-07	E201302209	2/5/2013	587931.1	727996.8	X	X	X	X	X
DW-3-D2	5E	No	D2	IA-07	E201402663	6/16/2014	587954.5	728019.0	X	X	X	X	X
DW-40A	5W	No	D1	IA-10	E201402658	4/16/2014	586742.6	728573.9	X	X	X	X	X
DW-40B	5W	No	D2	IA-10	E201402657	4/3/2014	586735.2	728562.6	X	X	X	X	X
DW-40C	5W	No	D3	IA-10	E201410074	3/28/2014	586753.9	728567.8	X	X	X	X	X
DW-41C	5E	No	D3	IA-03	E201407799	5/9/2014	587955.3	728937.9	X	X	X	X	X
DW-42A	5E	No	D1	IA-11	E201406724	7/11/2014	587226.4	728047.1	X	X	X	X	X
DW-43A	5E	No	D1	IA-07	E201409151	7/21/2014	587404.9	728503.5	X	X	X	X	X
DW-44A	4W	No	D1	IA-06	E201411569	9/4/2014	586734.3	729032.4	X	X	X	X	X
DW-44B	5W	No	D2	IA-06	E201500795	8/28/2014	586730.4	729041.7	X	X	X	X	X
DW-44C	5W	No	D3	IA-06	E201500796	8/28/2014	586730.6	729041.9	X	X	X	X	X
DW-45A	5E	No	D1	IA-07	E201409402	8/1/2014	587503.0	729057.6	X	X	X	X	X
DW-46A	5E	No	D1	IA-11	E201411570	9/19/2014	587420.2	728118.4	X	X	X	X	X
DW-47A	5E	No	D1	Offsite	E201510850	9/17/2015	587214.0	727713.8	X	X	X	X	X
DW-49A	5E	No	D1	Offsite	E201510511	9/16/2015	587435.6	727206.8	X	X	X	X	X
DW-4C	5E	No	D1	Offsite	E201306325	7/19/2013	587427.1	726800.5	X	X	X	X	X
DW-4D	5E	No	D3	Offsite	E201306324	6/28/2013	587414.1	726814.3	X	X	X	X	X
DW-50B	5E	No	D1	IA-07	E201413975	10/13/2014	588060.2	728471.0	X	X	X	X	X
DW-50C	5E	No	D2	IA-07	E201413976	10/13/2014	588060.3	728471.3	X	X	X	X	X
DW-51A	5E	No	D1	IA-11	E201412450	10/7/2014	587330.9	727797.3	X	X	X	X	X
DW-52A	5E	No	D1	IA-11	E201413312	10/15/2014	587361.5	727744.7	X	X	X	X	X
DW-53A	5E	No	D1	IA-13	E201412639	10/8/2014	587481.6	727646.7	X	X	X	X	X
DW-54A	5E	No	D1	IA-13	E201412396	9/29/2014	587596.9	727617.3	X	X	X	X	X
DW-55A	5E	No	D1	IA-15	E201413491	12/10/2014	587384.3	727524.5	X	X	X	X	X
DW-56A	5E	No	D1	IA-07	E201412868	12/10/2014	588140.1	728823.4	X	X	X	X	X
DW-57A	5E	No	D1	IA-07	E201412869	12/10/2014	588239.8	728763.9	X	X	X	X	X
DW-58A	5E	No	D1	IA-07	E201413476	12/19/2014	587746.1	728115.0	X	X	X	X	X

**Appendix B-1
Well Documentation Log
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Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
DW-59A	5E	No	D1	IA-07	E201413477	12/19/2014	587820.5	728075.2	X	X	X	X	X
DW-5B	4E	No	D1	IA-12	E201217457	3/6/2013	588270.6	729433.4	X	X	X	X	X
DW-5C	5E	No	D2	IA-12	E201217460	1/15/2013	588261.4	729418.2	X	X	X	X	X
DW-60A	5E	No	D1	IA-12	E201413479	12/4/2014	588457.3	729515.7	X	X	X	X	X
DW-61A	5E	No	D1	IA-12	E201413480	1/29/2015	588435.2	729095.5	X	X	X	X	X
DW-62A	5E	No	D1	IA-07	E201500443	3/12/2015	587750.9	728196.8	X	X	X	X	X
DW-63A	5E	No	D1	IA-13	E201500479	4/9/2015	587415.8	727699.8	X	X	X	X	X
DW-64A	5E	No	D1	Offsite	E201500412	2/26/2015	588651.2	729610.1	X	X	X	X	X
DW-65-105-S3	3W	No	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-119-S3	3W	No	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-126-S3	3W	No	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-136-S3	3W	No	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-145-D1	3W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-154-D1	3W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-167-D1	4W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-176-D1	4W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-185-D1	4W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-199-D1	4W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-211-D1	4W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-221-D1	5W	No	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-239-D2	5W	No	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-249-D2	5W	No	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-262-D2	5W	No	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-302-D2	5W	No	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-331-D2	5W	No	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-350-D2	5W	No	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-60-S2	2W	No	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-66-S2	2W	No	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-73-S2	2W	No	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-84-S2	2W	No	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-91-S3	2W	No	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-65-96-S3	2W	No	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X	X	
DW-67A	5W	No	D1	IA-01	E201509855	10/27/2015	586834.1	729856.6	X	X	X	X	X
DW-67B	5W	No	D2	IA-01	E201509857	10/27/2015	586836.9	729861.1	X	X	X	X	X
DW-68A	5W	No	D1	IA-01	E201509856	10/23/2015	586884.9	729559.9	X	X	X	X	X
DW-68B	5W	No	D2	IA-01	E201509858	10/27/2015	586889.4	729558.9	X	X	X	X	X
DW-69-104-S3	1W	No	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-114-S3	1W	No	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-134-S3	1W	No	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-142-S3	2W	No	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-150-D1	2W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-160-D1	2W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-171-D1	2W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-186-D1	2W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-195-D1	2W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-213-D1	2W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-224-D1	2W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-234-D1	3W	No	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-246-D2	3W	No	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-260-D2	3W	No	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-270-D2	3W	No	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-283-D2	3W	No	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-303-D2	4W	No	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-375-D2	4W	No	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-70-S2	1W	No	S2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-69-86-S2	1W	No	S2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X	X	
DW-6B	5E	No	D1	IA-07	E201218159	1/25/2013	587806.0	728578.8	X	X	X	X	X
DW-6C	5E	No	D2	IA-07	E201218160	2/18/2013	587788.9	728575.6	X	X	X	X	X
DW-6D	5E	No	D3	IA-07	E201301046	3/7/2013	587796.5	728561.5	X	X	X	X	X
DW-70-114-S3	1W	No	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-123-D1	2W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-131-D1	2W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-140-D1	2W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-150-D1	2W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-160-D1	2W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
DW-70-174-D1	3W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-189-D1	3W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-205-D1	3W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-219-D1	3W	No	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-231-D2	4W	No	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-241-D2	4W	No	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-261-D2	4W	No	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-285-D2	4W	No	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-350-D2	5W	No	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-53-S2	1W	No	S2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-72-S3	1W	No	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-83-S3	1W	No	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-70-94-S3	1W	No	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X	X	
DW-72-113-S3	4E	No	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-120-S3	4E	No	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-136-S3	4E	No	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-146-S3	4E	No	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-167-D1	5E	No	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-176-D1	5E	No	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-202-D1	5E	No	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-217-D1	5E	No	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-224-D1	5E	No	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-237-D1	5E	No	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-246-D1	5E	No	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-263-D2	5E	No	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-276-D2	5E	No	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-288-D2	5E	No	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-299-D2	5E	No	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-316-D2	5E	No	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-330-D2	5E	No	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-375-D2	5E	No	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-63-S1	2E	Yes	S1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-84-S2	3E	No	S2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-72-99-S2	3E	No	S2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X	X	
DW-7A	3E	No	D1	Offsite	E201411635	10/20/2014	588037.5	729994.2	X	X	X	X	X
DW-7B	4E	No	D1	Offsite	E201305678	6/6/2013	588047.7	729990.1	X	X	X	X	X
DW-7C	5E	No	D2	Offsite	E201305675	6/6/2013	588054.2	729993.3	X	X	X	X	X
DW-7D	5E	No	D3	Offsite	E201305674	5/24/2013	588041.5	730001.1	X	X	X	X	X
DW-8A	4E	No	D1	IA-12	E201217453	3/23/2013	587898.5	729677.7	X	X	X	X	X
DW-8B	5E	No	D1	IA-12	E201217458	3/29/2013	587883.7	729655.5	X	X	X	X	X
DW-8C	5E	No	D2	IA-12	E201217463	3/27/2013	587904.2	729649.7	X	X	X	X	X
DW-8D	5E	No	D3	IA-12	E201301089	4/4/2013	587880.7	729676.2	X	X	X	X	X
DW-9A	3E	No	S3	IA-03	E201217454	5/7/2013	587693.6	729195.9	X	X	X	X	X
DW-9B	5E	No	D1	IA-03	E201217459	5/15/2013	587679.3	729192.9	X	X	X	X	X
DW-9D	5E	No	D3	IA-03	E201217461	5/13/2013	587697.7	729181.6	X	X	X	X	X
EGSVE-1	OVB	Yes	S1	IA-06	E201305505	4/23/2013	586980.3	729170.1	X	X	X	X	X
EGSVE-2	OVB	Yes	S1	IA-06	E201306268	5/7/2013	586998.8	729171.0	X	X	X	X	X
EGSVE-3	OVB	Yes	S1	IA-06	E201306270	5/7/2013	586952.5	729197.1	X	X	X	X	X
EGSVE-4	OVB	Yes	S1	IA-06	E201307288	5/29/2013	587001.5	729175.5	X	X	X	X	X
EGVP-1	OVB	Yes	S1	IA-06	E201305511	4/24/2013	587001.6	729203.6	X	X	X	X	X
EGVP-10	OVB	Yes	S1	IA-06	E201305541	4/23/2013	586929.5	729168.9	X	X	X	X	X
EGVP-11	OVB	Yes	S1	IA-06	E201305542	4/25/2013	586925.1	729171.4	X	X	X	X	X
EGVP-12	OVB	Yes	S1	IA-06	E201305543	4/25/2013	586916.2	729166.2	X	X	X	X	X
EGVP-13	OVB	Yes	S1	IA-06	E201305547	4/25/2013	586924.4	729160.5	X	X	X	X	X
EGVP-14	OVB	Yes	S1	IA-06	E201305548	4/25/2013	586911.9	729168.7	X	X	X	X	X
EGVP-15	OVB	Yes	S1	IA-06	E201305549	4/25/2013	586919.5	729152.9	X	X	X	X	X
EGVP-16	OVB	Yes	S1	IA-06	E201305550	4/24/2013	586929.7	729140.6	X	X	X	X	X
EGVP-17	OVB	Yes	S1	IA-06	E201305551	4/25/2013	586915.3	729137.1	X	X	X	X	X
EGVP-18	OVB	Yes	S1	IA-06	E201309758	7/16/2013	586938.3	729256.4	X	X	X	X	X
EGVP-19	OVB	Yes	S1	IA-06	E201309776	7/16/2013	586983.9	729232.5	X	X	X	X	X
EGVP-2	OVB	Yes	S1	IA-06	E201305514	4/23/2013	586986.0	729179.1	X	X	X	X	X
EGVP-20	OVB	Yes	S1	IA-06	E201309777	7/17/2013	587046.6	729191.1	X	X	X	X	X
EGVP-21	OVB	Yes	S1	IA-06	E201309779	8/2/2013	586919.5	729226.3	X	X	X	X	X
EGVP-22	OVB	Yes	S1	IA-06	E201309795	7/17/2013	587024.8	729153.9	X	X	X	X	X
EGVP-23	OVB	Yes	S1	IA-06	E201309798	7/18/2013	586897.5	729191.3	X	X	X	X	X

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EGVP-24	OVB	Yes	S1	IA-06	E201309799	7/15/2013	586996.7	729129.3	X	X	X	X	X
EGVP-25	OVB	Yes	S1	IA-06	E201309800	7/17/2013	586893.7	729136.2	X	X	X	X	X
EGVP-26	OVB	Yes	S1	IA-06	E201309803	7/18/2013	586944.9	729098.5	X	X	X	X	X
EGVP-27	OVB	Yes	S1	IA-06	E201310078	7/16/2013	586855.7	729124.1	X	X	X	X	X
EGVP-28	OVB	Yes	S1	IA-06	E201310079	7/16/2013	586954.8	729051.8	X	X	X	X	X
EGVP-29	OVB	Yes	S1	IA-06	E201310080	7/17/2013	586878.9	729153.3	X	X	X	X	X
EGVP-3	OVB	Yes	S1	IA-06	E201305515	4/23/2013	586976.5	729173.2	X	X	X	X	X
EGVP-30	OVB	Yes	S1	IA-06	E201310081	7/15/2013	586910.9	729093.2	X	X	X	X	X
EGVP-31	OVB	Yes	S1	IA-06	E201310082	7/15/2013	586980.8	729131.9	X	X	X	X	X
EGVP-4	OVB	Yes	S1	IA-06	E201305516	4/23/2013	586954.4	729187.1	X	X	X	X	X
EGVP-5	OVB	Yes	S1	IA-06	E201305517	4/23/2013	586993.6	729162.5	X	X	X	X	X
EGVP-6	OVB	Yes	S1	IA-06	E201305521	4/23/2013	586976.4	729163.7	X	X	X	X	X
EGVP-7	OVB	Yes	S1	IA-06	E201305522	4/23/2013	586970.2	729153.8	X	X	X	X	X
EGVP-8	OVB	Yes	S1	IA-06	E201305524	4/23/2013	586945.2	729190.2	X	X	X	X	X
EGVP-9	OVB	Yes	S1	IA-06	E201305539	4/23/2013	586937.7	729177.8	X	X	X	X	X
EW-01	ND	ND	S2	IA-12	E201511979	10/16/2015	587951.7	729735.7	X	X	X	X	X
EW-26C	ND	ND	S3	IA-11	E201511797	10/20/2015	587424.9	727832.8	X	X	X	X	X
EW-2B	ND	ND	ND	IA-02	E201712994	12/6/2017	587104.2	729374.0	X	X	X	X	
EW-3B	ND	ND	ND	IA-02	E201712995	12/4/2017	587124.4	729361.2	X	X	X	X	
EW-4B	3W	No	S2	IA-02	E201712992	12/15/2017	587072.6	729385.1	X	X	X	X	
EW-5B	ND	ND	ND	IA-02	E201712993	12/11/2017	587088.5	729372.7	X	X	X	X	
EW-6B	2W	No	S2	IA-06	E201903463	4/9/2019	586818.5	729241.0	X		X		
IA11-DTS-01	ND	ND	ND	IA-11	E201610805	9/9/2016	587234.5	728249.6	X	X	X		
IA11-IG-1	ND	ND	ND	IA-11	E201700945	1/27/2017	587231.8	728251.5	X	X	X	X	
IA11-VP10	OVB	Yes	S1	IA-11	E201508929	8/26/2015	587301.2	728217.9	X	X	X	X	X
IA11-VP11	OVB	Yes	S1	IA-11	E201508060	8/27/2015	587288.7	728350.4	X	X	X	X	X
IA11-VP12	OVB	Yes	S1	IA-11	E201508061	7/24/2015	587269.1	728327.1	X	X	X	X	X
IA11-VP13	ND	ND	S1	IA-11	E201508930	8/19/2015	587269.5	728196.5	X	X	X	X	X
IA11-VP14	ND	ND	S1	IA-11	E201508931	8/20/2015	587259.5	728190.1	X	X	X	X	X
IA11-VP15	OVB	Yes	S1	IA-11	E201508932	8/21/2015	587251.3	728161.4	X	X	X	X	X
IA11-VP16	ND	ND	S1	IA-11	E201508933	8/21/2015	587244.8	728192.8	X	X	X	X	X
IA11-VP17	OVB	Yes	S1	IA-11	E201508062	7/21/2015	587196.3	728318.7	X	X	X	X	X
IA11-VP18	OVB	Yes	S1	IA-11	E201508063	7/21/2015	587171.4	728330.0	X	X	X	X	X
IA11-VP19	OVB	Yes	S1	IA-11	E201508064	7/21/2015	587164.5	728302.1	X	X	X	X	X
IA11-VP22	ND	ND	S1	IA-11	E201508065	7/30/2015	587302.6	727914.2	X	X	X	X	X
IA11-VP23	ND	ND	S1	IA-11	E201508066	7/30/2015	587280.6	727908.7	X	X	X	X	X
IA11-VP24	OVB	Yes	S1	IA-11	E201508067	7/20/2015	587257.6	728046.3	X	X	X	X	X
IA11-VP25	OVB	Yes	S1	IA-11	E201508068	7/20/2015	587222.8	728061.2	X	X	X	X	X
IA11-VP26	OVB	Yes	S1	IA-11	E201508069	7/20/2015	587208.0	728118.4	X	X	X	X	X
IA11-VP27	OVB	Yes	S1	IA-11	E201508070	7/21/2015	587174.7	728118.6	X	X	X	X	X
IA11-VP28	OVB	Yes	S1	IA-11	E201509001	8/18/2015	587160.1	728207.7	X	X	X	X	X
IA11-VP29	OVB	Yes	S1	IA-11	E201509002	8/18/2015	587147.1	728196.6	X	X	X	X	X
IA11-VP5	OVB	Yes	S1	IA-11	E201508058	7/28/2015	587413.3	728106.8	X	X	X	X	X
IA11-VP6	ND	ND	S1	IA-11	E201508059	7/24/2015	587382.4	728122.9	X	X	X	X	X
IA11-VP7	ND	ND	S1	IA-11	E201508926	8/24/2015	587360.7	728170.3	X	X	X	X	X
IA11-VP8	ND	ND	S1	IA-11	E201508927	8/25/2015	587346.7	728199.2	X	X	X	X	X
IA11-VP9	OVB	Yes	S1	IA-11	E201508928	8/25/2015	587307.8	728232.1	X	X	X	X	X
IA12-VP1	OVB	Yes	S1	IA-12	E201412202	9/19/2014	587833.6	729679.1	X	X	X	X	X
IA12-VP10	OVB	Yes	S1	IA-12	E201509203	8/17/2015	587933.8	729846.8	X	X	X	X	X
IA12-VP11	OVB	Yes	S1	IA-12	E201511100	9/22/2015	588014.5	729704.3	X	X	X	X	X
IA12-VP12	OVB	Yes	S1	IA-12	E201511101	9/22/2015	588023.0	729698.5	X	X	X	X	X
IA12-VP13	OVB	Yes	S1	IA-12	E201509425	8/18/2015	587815.8	729737.6	X	X	X	X	X
IA12-VP14	OVB	Yes	S1	IA-12	E201509426	8/18/2015	587819.9	729734.5	X	X	X	X	X
IA12-VP15	OVB	Yes	S1	IA-12	E201509427	8/18/2015	587847.7	729694.4	X	X	X	X	X
IA12-VP16	OVB	Yes	S1	IA-12	E201509428	8/18/2015	587912.4	729674.4	X	X	X	X	X
IA12-VP17	OVB	Yes	S1	IA-04	E201506939	9/11/2015	587738.0	729606.3	X	X	X	X	X
IA12-VP18	OVB	Yes	S1	IA-04	E201506940	9/11/2015	587742.0	729602.9	X	X	X	X	X
IA12-VP19	OVB	Yes	S1	IA-03	E201506941	9/15/2015	587808.6	729565.2	X	X	X	X	X
IA12-VP2	OVB	Yes	S1	IA-12	E201412203	9/19/2014	587842.6	729687.7	X	X	X	X	X
IA12-VP20	OVB	Yes	S1	IA-03	E201506942	9/15/2015	587813.6	729561.8	X	X	X	X	X
IA12-VP21	OVB	Yes	S1	IA-04	E201506943	9/14/2015	587681.7	729527.7	X	X	X	X	X
IA12-VP22	OVB	Yes	S1	IA-04	E201506944	9/14/2015	587678.2	729523.5	X	X	X	X	X
IA12-VP3	OVB	Yes	S1	IA-12	E201412204	9/19/2014	587800.1	729708.5	X	X	X	X	X
IA12-VP4	OVB	Yes	S1	IA-12	E201412205	9/19/2014	587869.9	729718.9	X	X	X	X	X
IA12-VP5	OVB	Yes	S1	IA-12	E201412206	9/19/2014	587892.0	729649.0	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
IA12-VP6	OVB	Yes	S1	IA-12	E201412207	9/19/2014	587899.7	729682.4	X	X	X	X	X
IA12-VP7	OVB	Yes	S1	IA-12	E201507764	8/4/2015	587867.6	729858.5	X	X	X	X	X
IA12-VP8	OVB	Yes	S1	IA-12	E201507765	8/4/2015	587872.8	729857.1	X	X	X	X	X
IA12-VP9	OVB	Yes	S1	IA-12	E201509202	8/17/2015	587937.3	729849.8	X	X	X	X	X
IA15-VP1	OVB	Yes	S1	IA-15	E201508995	8/17/2015	587496.0	727475.3	X	X	X	X	X
IA15-VP2	OVB	Yes	S1	IA-15	E201508050	8/4/2015	587397.6	727567.9	X	X	X	X	X
IA15-VP3	OVB	Yes	S1	IA-15	E201508051	8/3/2015	587386.0	727580.5	X	X	X	X	X
IA15-VP4	ND	ND	S1	IA-15	E201508052	8/4/2015	587379.9	727592.2	X	X	X	X	X
IA15-VP5	ND	ND	S1	IA-15	E201508053	8/6/2015	587378.1	727606.5	X	X	X	X	X
IA15-VP6	ND	ND	S1	IA-15	E201508996	8/12/2015	587476.6	727353.1	X	X	X	X	X
IA15-VP7	ND	ND	S1	IA-15	E201508997	8/12/2015	587428.3	727456.1	X	X	X	X	X
IA15-VP8	ND	ND	S1	IA-15	E201508998	8/13/2015	587434.6	727443.7	X	X	X	X	X
IA2-VP-01	OVB	Yes	S1	IA-06	E201503943	4/30/2015	587033.3	729204.9	X	X	X	X	X
IA2-VP-02	OVB	Yes	S1	IA-06	E201503945	4/30/2015	587027.6	729178.1	X	X	X	X	X
IA6-VP1	OVB	Yes	S1	IA-06	E201508919	9/1/2015	586781.0	729275.5	X	X	X	X	X
IA6-VP10	OVB	Yes	S1	IA-06	E201507706	8/3/2015	586841.7	729138.7	X	X	X	X	X
IA6-VP11	OVB	Yes	S1	IA-06	E201508925	9/1/2015	586807.6	729040.3	X	X	X	X	X
IA6-VP2	OVB	Yes	S1	IA-06	E201508920	9/1/2015	586788.9	729271.1	X	X	X	X	X
IA6-VP3	OVB	Yes	S1	IA-06	E201508921	9/2/2015	586811.5	729261.4	X	X	X	X	X
IA6-VP4	OVB	Yes	S1	IA-06	E201508922	9/3/2015	586843.2	729265.7	X	X	X	X	X
IA6-VP5	OVB	Yes	S1	IA-06	E201508923	9/3/2015	586863.3	729223.5	X	X	X	X	X
IA6-VP6	OVB	Yes	S1	IA-06	E201508924	9/4/2015	586818.7	729223.8	X	X	X	X	X
IA6-VP7	ND	ND	S1	IA-06	E201507703	8/3/2015	586763.4	729202.3	X	X	X	X	X
IA6-VP8	OVB	Yes	S1	IA-06	E201507704	7/29/2015	586791.5	729184.9	X	X	X	X	X
IA6-VP9	OVB	Yes	S1	IA-06	E201507705	7/29/2015	586800.8	729164.0	X	X	X	X	X
IA7-VP1	OVB	Yes	S1	IA-07	E201601287	2/8/2016	587513.1	729057.7	X	X	X	X	X
IA7-VP10	OVB	Yes	S1	IA-07	E201601295	2/9/2016	587448.9	728906.3	X	X	X	X	X
IA7-VP11	OVB	Yes	S1	IA-07	E201601298	2/9/2016	587376.9	728856.7	X	X	X	X	X
IA7-VP12	OVB	Yes	S1	IA-07	E201601296	2/9/2016	587430.2	728836.5	X	X	X	X	X
IA7-VP2	OVB	Yes	S1	IA-07	E201601288	2/8/2016	587621.2	728982.8	X	X	X	X	X
IA7-VP3	OVB	Yes	S1	IA-07	E201601289	2/9/2016	587443.0	729005.5	X	X	X	X	X
IA7-VP4	OVB	Yes	S1	IA-07	E201601290	2/9/2016	587486.6	729007.0	X	X	X	X	X
IA7-VP5	OVB	Yes	S1	IA-07	E201601291	2/8/2016	587534.6	728976.6	X	X	X	X	X
IA7-VP6	OVB	Yes	S1	IA-07	E201601292	2/9/2016	587437.8	728960.0	X	X	X	X	X
IA7-VP7	OVB	Yes	S1	IA-07	E201601293	2/9/2016	587485.6	728954.6	X	X	X	X	X
IA7-VP8	OVB	Yes	S1	IA-07	E201601294	2/8/2016	587551.7	728944.7	X	X	X	X	X
IA7-VP9	OVB	Yes	S1	IA-07	E201601297	2/9/2016	587370.2	728924.3	X	X	X	X	X
IW-100B	ND	ND	S2	IA-01	E201506957	8/4/2015	586884.5	729609.8	X	X	X	X	X
IW-100C	ND	ND	S3	IA-01	E201506958	7/31/2015	586884.8	729609.7	X	X	X	X	X
IW-101B	ND	ND	S2	IA-02	E201506959	7/17/2015	586943.6	729571.7	X	X	X	X	X
IW-101C	ND	ND	S3	IA-02	E201506960	7/13/2015	586943.7	729572.0	X	X	X	X	X
IW-102B	ND	ND	S2	IA-01	E201508402	8/24/2015	586822.7	729577.9	X	X	X	X	X
IW-102C	ND	ND	S3	IA-01	E201508403	8/20/2015	586822.7	729577.6	X	X	X	X	X
IW-103B	ND	ND	S2	IA-01	E201506961	7/30/2015	586881.4	729539.9	X	X	X	X	X
IW-103C	ND	ND	S3	IA-01	E201506962	7/30/2015	586881.7	729539.9	X	X	X	X	X
IW-104A	2W	Yes	S1	IA-06	E201508788	8/25/2015	586820.2	729262.0	X	X	X	X	X
IW-105A	2W	Yes	S1	IA-06	E201508789	8/25/2015	586809.7	729251.5	X	X	X	X	X
IW-106A	2W	Yes	S1	IA-06	E201508790	8/31/2015	586803.1	729237.3	X	X	X	X	X
IW-107A	2W	Yes	S1	IA-06	E201508791	8/25/2015	586836.6	729259.2	X	X	X	X	X
IW-108A	2W	Yes	S1	IA-06	E201508792	8/31/2015	586829.3	729246.8	X	X	X	X	X
IW-109A	2W	Yes	S1	IA-06	E201508793	8/31/2015	586823.2	729238.6	X	X	X	X	X
IW-10A	2E	Yes	S1	IA-12	E201411657	9/19/2014	587862.6	729704.3	X	X	X	X	X
IW-10B-1	ND	ND	S1	IA-12	E201411689	9/19/2014	587859.4	729702.2	X	X	X	X	X
IW-10B-2	ND	ND	S2	IA-12	E201411690	9/12/2014	587854.3	729699.3	X	X	X	X	X
IW-10B3	ND	ND	S2	IA-12	E201509654	9/22/2015	587856.5	729707.0	X	X	X	X	X
IW-110A	2W	Yes	S1	IA-06	E201508794	8/31/2015	586817.3	729228.4	X	X	X	X	X
IW-111A	2W	Yes	S1	IA-06	E201508795	8/31/2015	586844.8	729245.9	X	X	X	X	X
IW-112A	2W	Yes	S1	IA-06	E201508796	8/31/2015	586839.5	729233.8	X	X	X	X	X
IW-113A	2W	Yes	S1	IA-06	E201508797	8/25/2015	586829.3	729224.0	X	X	X	X	X
IW-114C	ND	ND	S3	IA-11	E201509727	8/27/2015	587703.5	727916.7	X	X	X	X	X
IW-115A1	OVB	Yes	S1	IA-07	E201514671	1/12/2016	587485.1	729055.9	X	X	X	X	X
IW-115A2	ND	ND	S1	IA-07	E201514685	12/31/2015	587480.4	729059.4	X	X	X	X	X
IW-115B	ND	ND	S2	IA-07	E201514672	1/5/2016	587485.3	729056.1	X	X	X	X	X
IW-116A1	ND	ND	S1	IA-07	E201514673	1/8/2016	587527.0	729050.7	X	X	X	X	X
IW-116A2	ND	ND	S1	IA-07	E201514686	1/5/2016	587521.8	729053.6	X	X	X	X	X

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Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
IW-116B	ND	ND	S2	IA-07	E201514674	1/7/2016	587527.3	729050.7	X	X	X	X	X
IW-117A1	2E	Yes	S1	IA-07	E201514675	1/12/2016	587573.3	729034.7	X	X	X	X	X
IW-117A2	ND	ND	S1	IA-07	E201514687	1/7/2016	587578.2	729031.7	X	X	X	X	X
IW-117B	ND	ND	S2	IA-07	E201514676	1/11/2016	587573.6	729034.8	X	X	X	X	X
IW-118A1	ND	ND	S1	IA-07	E201514677	1/15/2016	587628.0	728999.8	X	X	X	X	X
IW-118A2	ND	ND	S1	IA-07	E201514688	1/8/2016	587621.2	729003.9	X	X	X	X	X
IW-118B	ND	ND	S2	IA-07	E201514678	1/12/2016	587628.0	729000.1	X	X	X	X	X
IW-119A1	OVB	Yes	S1	IA-07	E201514679	1/12/2016	587458.7	729028.7	X	X	X	X	X
IW-119A2	ND	ND	S1	IA-07	E201514689	1/8/2016	587455.8	729024.6	X	X	X	X	X
IW-119B	ND	ND	S2	IA-07	E201514680	1/12/2016	587458.5	729028.8	X	X	X	X	X
IW-11A	2E	Yes	S1	IA-12	E201410460	8/22/2014	587872.8	729662.1	X	X	X	X	X
IW-11B	2E	No	S2	IA-12	E201410461	8/24/2014	587869.9	729664.0	X	X	X	X	X
IW-120A1	ND	ND	S1	IA-07	E201514681	1/12/2016	587507.0	729014.9	X	X	X	X	X
IW-120A2	ND	ND	S1	IA-07	E201514690	1/12/2016	587510.4	729012.7	X	X	X	X	X
IW-120B	ND	ND	S2	IA-07	E201514682	1/12/2016	587506.4	729015.2	X	X	X	X	X
IW-121A1	ND	ND	S1	IA-07	E201514861	1/12/2016	587517.7	728980.7	X	X	X	X	X
IW-121A2	ND	ND	S1	IA-07	E201514863	1/12/2016	587521.4	728978.0	X	X	X	X	X
IW-121B	ND	ND	S2	IA-07	E201514862	1/12/2016	587517.8	728981.0	X	X	X	X	X
IW-122A1	ND	ND	S1	IA-07	E201514683	1/12/2016	587564.8	728972.4	X	X	X	X	X
IW-122A2	ND	ND	S1	IA-07	E201514691	1/12/2016	587567.8	728969.0	X	X	X	X	X
IW-122B	ND	ND	S2	IA-07	E201514684	1/12/2016	587564.7	728972.7	X	X	X	X	X
IW-123A1	OVB	Yes	S1	IA-07	E201514775	2/3/2016	587407.3	728999.4	X	X	X	X	X
IW-123A2	ND	ND	S1	IA-07	E201514761	2/3/2016	587405.1	728995.5	X	X	X	X	X
IW-123B	ND	ND	S2	IA-07	E201514776	2/2/2016	587407.2	728999.5	X	X	X	X	X
IW-124A1	ND	ND	S1	IA-07	E201514777	1/8/2016	587450.8	728972.6	X	X	X	X	X
IW-124A2	ND	ND	S1	IA-07	E201514762	1/21/2016	587447.0	728967.9	X	X	X	X	X
IW-124B	ND	ND	S2	IA-07	E201514778	1/7/2016	587451.0	728972.2	X	X	X	X	X
IW-125A1	ND	ND	S1	IA-07	E201514779	12/30/2015	587491.2	728946.8	X	X	X	X	X
IW-125A2	ND	ND	S1	IA-07	E201514763	1/18/2016	587495.4	728944.1	X	X	X	X	X
IW-125B	ND	ND	S2	IA-07	E201514780	12/29/2015	587491.0	728946.8	X	X	X	X	X
IW-126A1	OVB	Yes	S1	IA-07	E201514781	1/29/2016	587369.9	728941.1	X	X	X	X	X
IW-126A2	ND	ND	S1	IA-07	E201514772	2/4/2016	587389.1	728952.0	X	X	X	X	X
IW-126B	ND	ND	S2	IA-07	E201514782	1/28/2016	587369.7	728941.0	X	X	X	X	X
IW-127A1	OVB	Yes	S1	IA-07	E201514783	12/30/2015	587408.2	728930.1	X	X	X	X	X
IW-127A2	ND	ND	S1	IA-07	E201514773	12/23/2015	587405.0	728925.9	X	X	X	X	X
IW-127B	ND	ND	S2	IA-07	E201514784	12/29/2015	587408.4	728930.3	X	X	X	X	X
IW-128A1	OVB	Yes	S1	IA-07	E201514785	12/29/2015	587445.4	728893.9	X	X	X	X	X
IW-128A2	ND	ND	S1	IA-07	E201514774	12/23/2015	587449.4	728890.4	X	X	X	X	X
IW-128B	ND	ND	S2	IA-07	E201514786	12/28/2015	587445.8	728893.7	X	X	X	X	X
IW-129A1	OVB	Yes	S1	IA-07	E201514787	1/13/2016	587358.1	728905.6	X	X	X	X	X
IW-129A2	ND	ND	S1	IA-07	E201514767	1/7/2016	587355.5	728901.0	X	X	X	X	X
IW-12A	ND	ND	S1	IA-12	E201410462	9/2/2014	587892.3	729670.5	X	X	X	X	X
IW-12B	ND	ND	S2	IA-12	E201410186	9/2/2014	587887.1	729659.6	X	X	X	X	X
IW-130A1	OVB	Yes	S1	IA-07	E201514789	12/23/2015	587351.6	728862.9	X	X	X	X	X
IW-130A2	ND	ND	S1	IA-07	E201514768	12/28/2015	587348.6	728858.0	X	X	X	X	X
IW-130B	ND	ND	S2	IA-07	E201514790	12/22/2015	587351.3	728862.8	X	X	X	X	X
IW-131A1	OVB	Yes	S1	IA-07	E201514791	1/11/2016	587397.6	728868.3	X	X	X	X	X
IW-131A2	ND	ND	S1	IA-07	E201514769	1/20/2016	587401.0	728864.7	X	X	X	X	X
IW-131B	ND	ND	S2	IA-07	E201514792	1/8/2016	587397.5	728868.7	X	X	X	X	X
IW-132A1	2E	Yes	S1	IA-07	E201514793	1/13/2016	587416.2	728824.7	X	X	X	X	X
IW-132A2	ND	ND	S1	IA-07	E201514770	1/19/2016	587418.0	728819.2	X	X	X	X	X
IW-132B	ND	ND	S2	IA-07	E201514794	1/12/2016	587416.4	728824.7	X	X	X	X	X
IW-136C2	ND	ND	S3	IA-11	E201507909	9/9/2015	587653.7	728157.5	X	X	X	X	X
IW-13A	2E	Yes	S1	IA-12	E201410463	8/22/2014	587881.6	729691.5	X	X	X	X	X
IW-13B	2E	No	S2	IA-12	E201410187	8/22/2014	587886.0	729688.5	X	X	X	X	X
IW-14	ND	ND	S2	IA-07	E201416604	1/21/2015	587381.4	728487.9	X	X	X	X	X
IW-146C	ND	ND	S3	IA-13	E201511687	10/16/2015	587515.7	727824.3	X	X	X	X	X
IW-15	ND	ND	S2	IA-07	E201416605	2/6/2015	587404.8	728474.1	X	X	X	X	X
IW-151C1	3E	No	S3	IA-11	E201507923	8/4/2015	587367.0	728059.6	X	X	X	X	X
IW-151C2	3E	No	S3	IA-11	E201507924	7/30/2015	587375.3	728064.5	X	X	X	X	X
IW-152B	ND	ND	S2	IA-13	E201509598	9/23/2015	587481.0	727706.7	X	X	X	X	X
IW-153C1	ND	ND	S3	IA-13	E201509582	9/21/2015	587443.9	727750.2	X	X	X	X	X
IW-153C2	ND	ND	S3	IA-13	E201509581	9/17/2015	587452.8	727754.2	X	X	X	X	X
IW-156B	ND	ND	S2	IA-11	E201509877	8/24/2015	587341.2	727912.8	X	X	X	X	X
IW-157B	3E	No	S2	IA-11	E201509287	8/31/2015	587314.9	727964.0	X	X	X	X	X

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Well Documentation Log
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Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
IW-157C1	3E	No	S3	IA-11	E201509286	8/27/2015	587314.2	727955.7	X	X	X	X	X
IW-157C2	3E	No	S3	IA-11	E201509285	8/25/2015	587320.7	727960.0	X	X	X	X	X
IW-158B	3E	No	S2	IA-11	E201509290	8/27/2015	587282.0	728016.8	X	X	X	X	X
IW-158C1	3E	No	S3	IA-11	E201509289	8/24/2015	587279.3	728004.8	X	X	X	X	X
IW-158C2	3E	No	S3	IA-11	E201509288	8/19/2015	587291.1	728011.4	X	X	X	X	X
IW-159C1	3E	No	S3	IA-11	E201508243	8/20/2015	587378.1	728166.1	X	X	X	X	X
IW-159C2	3E	No	S3	IA-11	E201508244	8/17/2015	587385.8	728176.1	X	X	X	X	X
IW-16	ND	ND	S2	IA-07	E201416606	2/12/2015	587400.3	728499.5	X	X	X	X	X
IW-160C2	3E	No	S3	IA-11	E201510251	8/31/2015	587367.1	728248.0	X	X	X	X	X
IW-161B	3E	No	S2	IA-11	E201507922	8/6/2015	587281.6	728299.3	X	X	X	X	X
IW-161C1	3E	No	S3	IA-11	E201510254	8/26/2015	587291.8	728305.5	X	X	X	X	X
IW-161C2	3E	No	S3	IA-11	E201510253	8/28/2015	587290.4	728294.4	X	X	X	X	X
IW-162B	3E	No	S2	IA-11	E201509293	8/14/2015	587238.6	728333.9	X	X	X	X	X
IW-162C1	3E	No	S3	IA-11	E201509292	8/12/2015	587228.6	728319.5	X	X	X	X	X
IW-162C2	3E	No	S3	IA-11	E201509291	8/10/2015	587225.0	728326.6	X	X	X	X	X
IW-165C1	ND	ND	S3	IA-11	E201507896	8/25/2015	587487.0	728242.9	X	X	X	X	X
IW-165C2	ND	ND	S3	IA-11	E201507906	8/5/2015	587502.6	728239.1	X	X	X	X	X
IW-167C1	3E	No	S3	IA-11	E201508109	8/7/2015	587370.8	728337.4	X	X	X	X	X
IW-167C2	3E	No	S3	IA-11	E201508110	8/5/2015	587378.3	728335.7	X	X	X	X	X
IW-168B	2E	No	S2	IA-11	E201507919	7/22/2015	587243.5	728400.8	X	X	X	X	X
IW-168C1	2E	No	S3	IA-11	E201507920	7/27/2015	587243.9	728392.4	X	X	X	X	X
IW-168C2	2E	No	S3	IA-11	E201507921	7/31/2015	587252.2	728396.4	X	X	X	X	X
IW-17	ND	ND	S2	IA-07	E201416607	1/12/2015	587404.9	728548.0	X	X	X	X	X
IW-173B	ND	ND	S2	IA-15	E201509584	9/16/2015	587489.7	727492.7	X	X	X	X	X
IW-174B	ND	ND	S2	IA-15	E201509585	9/16/2015	587475.8	727519.3	X	X	X	X	X
IW-174C	ND	ND	S3	IA-15	E201509583	9/14/2015	587471.4	727529.0	X	X	X	X	X
IW-175C	ND	ND	S3	IA-15	E201512249	9/25/2015	587456.0	727557.6	X	X	X	X	X
IW-176B	ND	ND	S2	IA-15	E201510603	9/11/2015	587382.1	727597.8	X	X	X	X	X
IW-176C	ND	ND	S3	IA-15	E201510601	9/11/2015	587393.2	727599.8	X	X	X	X	X
IW-177B	ND	ND	S2	IA-15	E201509586	9/16/2015	587548.2	727481.9	X	X	X	X	X
IW-178B	ND	ND	S2	IA-15	E201509587	9/16/2015	587526.6	727528.3	X	X	X	X	X
IW-18	ND	ND	S2	IA-07	E201416608	1/22/2015	587426.0	728525.2	X	X	X	X	X
IW-180A	ND	ND	S1	IA-11	E201511196	9/22/2015	587232.7	728240.9	X	X	X	X	X
IW-180AR	3E	Yes	S1	IA-11	E201701692	2/23/2017	587234.9	728240.0	X	X	X	X	
IW-181A	ND	ND	S1	IA-12	E201607387	7/11/2016	587961.8	729778.9	X	X	X	X	X
IW-181B2	ND	ND	S2	IA-12	E201607382	7/12/2016	587964.2	729784.5	X	X	X	X	X
IW-181B3	ND	ND	S2	IA-12	E201607388	7/5/2016	587961.4	729779.3	X	X	X	X	X
IW-182A	ND	ND	S1	IA-12	E201607389	7/5/2016	587930.9	729734.7	X	X	X	X	X
IW-182B2	ND	ND	S2	IA-12	E201607383	7/12/2016	587933.9	729738.7	X	X	X	X	X
IW-182B3	ND	ND	S2	IA-12	E201607390	7/5/2016	587930.5	729734.9	X	X	X	X	X
IW-183A	ND	ND	S1	IA-12	E201607391	7/5/2016	587970.1	729729.6	X	X	X	X	X
IW-183B2	ND	ND	S2	IA-12	E201607384	7/13/2016	587970.4	729734.7	X	X	X	X	X
IW-183B3	ND	ND	S2	IA-12	E201607392	7/5/2016	587969.6	729729.8	X	X	X	X	X
IW-184A	ND	ND	S1	IA-12	E201607394	7/11/2016	587996.8	729765.4	X	X	X	X	X
IW-184B	ND	ND	S2	IA-12	E201607398	6/30/2016	587993.0	729759.8	X	X	X	X	X
IW-185A	ND	ND	S1	IA-12	E201607395	7/12/2016	587962.4	729751.6	X	X	X	X	X
IW-185B	ND	ND	S2	IA-12	E201607399	7/6/2016	587959.2	729747.4	X	X	X	X	X
IW-186A	ND	ND	S1	IA-12	E201607396	7/11/2016	587919.9	729703.0	X	X	X	X	X
IW-186B	ND	ND	S2	IA-12	E201607400	7/8/2016	587928.2	729697.7	X	X	X	X	X
IW-187A1	ND	ND	S1	IA-03	E201609122	8/10/2016	587496.3	729126.3	X	X	X	X	X
IW-187A2	ND	ND	S1	IA-03	E201609131	8/9/2016	587498.8	729130.8	X	X	X	X	X
IW-187B	ND	ND	S2	IA-03	E201609126	8/8/2016	587495.7	729126.4	X	X	X	X	X
IW-188A1	ND	ND	S1	IA-03	E201609123	8/10/2016	587508.7	729099.7	X	X	X	X	X
IW-188A2	ND	ND	S1	IA-03	E201609132	8/9/2016	587514.8	729096.1	X	X	X	X	X
IW-188B	ND	ND	S2	IA-03	E201609127	8/8/2016	587508.4	729099.8	X	X	X	X	X
IW-189A1	ND	ND	S1	IA-07	E201609124	8/11/2016	587437.2	729063.8	X	X	X	X	X
IW-189A2	ND	ND	S1	IA-07	E201609133	8/9/2016	587433.1	729057.7	X	X	X	X	X
IW-189B	ND	ND	S2	IA-07	E201609128	8/11/2016	587436.9	729063.9	X	X	X	X	X
IW-19	OVB	Yes	S1	IA-07	E201500398	1/28/2015	587418.4	728550.1	X	X	X	X	X
IW-190B	3W	No	S2	IA-02	E201712989	12/12/2017	587086.4	729407.3	X	X	X	X	
IW-191B	ND	ND	ND	IA-02	E201712991	12/8/2017	587104.1	729397.4	X	X	X	X	
IW-192B	ND	ND	ND	IA-02	E201712990	11/30/2017	587123.8	729384.0	X	X	X	X	
IW-193B	ND	ND	ND	IA-02	E201712988	12/18/2017	587073.8	729407.8	X	X	X	X	
IW-194B	ND	ND	ND	IA-06	E201803771	5/17/2018	586837.1	729245.7	X	X	X	X	
IW-195A	2W	Yes	S1	IA-06	E201903464	4/9/2019	586818.7	729254.7	X		X		

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
IW-196A	2W	Yes	S1	IA-06	E201903465	4/10/2019	586848.0	729241.7	X		X		
IW-197A	2W	Yes	S1	IA-06	E201903466	4/8/2019	586821.6	729246.8	X		X		
IW-198A	2W	Yes	S1	IA-06	E201903467	4/5/2019	586812.1	729231.8	X		X		
IW-199B	3W	No	S2	IA-06	E201903468	4/5/2019	586826.3	729252.9	X		X		
IW-1C	3E	No	S3	IA-11	E201405826	6/11/2014	587192.5	728197.3	X	X	X	X	X
IW-20	OVB	Yes	S1	IA-07	E201500399	1/22/2015	587430.0	728535.6	X	X	X	X	X
IW-200A	2W	Yes	S1	IA-06	E201903469	4/11/2019	586832.5	729217.4	X		X		
IW-21	OVB	Yes	S1	IA-07	E201500400	1/29/2015	587372.8	728474.5	X	X	X	X	X
IW-22	OVB	Yes	S1	IA-07	E201500401	1/22/2015	587382.6	728460.4	X	X	X	X	X
IW-23A	ND	ND	S1	IA-12	E201507543	8/5/2015	587883.4	729871.5	X	X	X	X	X
IW-23B2	ND	ND	S2	IA-12	E201507541	7/30/2015	587881.4	729866.4	X	X	X	X	X
IW-23B3	ND	ND	S2	IA-12	E201507544	8/4/2015	587883.8	729871.7	X	X	X	X	X
IW-24A	ND	ND	S1	IA-12	E201509199	8/26/2015	587948.9	729848.6	X	X	X	X	X
IW-24B2	ND	ND	S2	IA-12	E201509201	8/27/2015	587947.7	729844.8	X	X	X	X	X
IW-24B3	ND	ND	S2	IA-12	E201509200	8/25/2015	587949.1	729848.9	X	X	X	X	X
IW-25A	ND	ND	S1	IA-12	E201509719	9/1/2015	587984.0	729819.8	X	X	X	X	X
IW-25B2	ND	ND	S2	IA-12	E201509721	9/18/2015	587980.9	729822.6	X	X	X	X	X
IW-25B3	ND	ND	S2	IA-12	E201509720	8/31/2015	587984.2	729820.0	X	X	X	X	X
IW-26A	ND	ND	S1	IA-12	E201507545	8/13/2015	587862.2	729853.6	X	X	X	X	X
IW-26B2	ND	ND	S2	IA-12	E201507542	8/7/2015	587862.4	729848.6	X	X	X	X	X
IW-26B3	ND	ND	S2	IA-12	E201507546	8/11/2015	587862.3	729853.9	X	X	X	X	X
IW-27A	ND	ND	S1	IA-12	E201511374	10/2/2015	587910.5	729814.5	X	X	X	X	X
IW-27B2	ND	ND	S2	IA-12	E201511376	9/28/2015	587904.7	729822.3	X	X	X	X	X
IW-27B3	ND	ND	S2	IA-12	E201511375	10/1/2015	587910.3	729814.7	X	X	X	X	X
IW-28A	ND	ND	S1	IA-12	E201509725	9/11/2015	587987.1	729796.9	X	X	X	X	X
IW-28B	ND	ND	S2	IA-12	E201509726	9/10/2015	587990.5	729793.2	X	X	X	X	X
IW-2C	3E	No	S3	IA-11	E201405827	7/1/2014	587227.8	728187.7	X	X	X	X	X
IW-30A	ND	ND	S1	IA-12	E201509503	9/15/2015	587859.3	729798.7	X	X	X	X	X
IW-30B2	ND	ND	S2	IA-12	E201509505	9/4/2015	587856.6	729794.6	X	X	X	X	X
IW-30B3	ND	ND	S2	IA-12	E201509504	9/14/2015	587859.5	729798.8	X	X	X	X	X
IW-32A	ND	ND	S1	IA-12	E201509506	9/11/2015	587842.0	729778.7	X	X	X	X	X
IW-32B2	ND	ND	S2	IA-12	E201509508	9/10/2015	587842.8	729773.9	X	X	X	X	X
IW-32B3	ND	ND	S2	IA-12	E201509507	9/11/2015	587841.8	729778.6	X	X	X	X	X
IW-35A	2E	Yes	S1	IA-12	E201509655	9/16/2015	587885.1	729728.8	X	X	X	X	X
IW-35B	2E	No	S2	IA-12	E201509656	9/25/2015	587890.7	729728.3	X	X	X	X	X
IW-36A	ND	ND	S1	IA-12	E201509509	8/28/2015	587901.5	729688.7	X	X	X	X	X
IW-36B	ND	ND	S2	IA-12	E201509510	8/24/2015	587905.9	729686.2	X	X	X	X	X
IW-38A	ND	ND	S1	IA-12	E201507729	7/23/2015	587808.6	729723.2	X	X	X	X	X
IW-38B2	ND	ND	S2	IA-12	E201507731	7/22/2015	587814.0	729722.8	X	X	X	X	X
IW-38B3	ND	ND	S2	IA-12	E201507730	7/23/2015	587808.4	729723.2	X	X	X	X	X
IW-39A	ND	ND	S1	IA-12	E201507957	7/17/2015	587886.6	729693.2	X	X	X	X	X
IW-39B2	ND	ND	S2	IA-12	E201507952	7/15/2015	587888.8	729697.7	X	X	X	X	X
IW-39B3	ND	ND	S2	IA-12	E201507962	7/17/2015	587886.3	729693.0	X	X	X	X	X
IW-3C	3E	No	S3	IA-11	E201405828	7/10/2014	587267.6	728159.8	X	X	X	X	X
IW-40A	2E	Yes	S1	IA-12	E201507728	8/13/2015	587858.5	729689.7	X	X	X	X	X
IW-40B	2E	No	S2	IA-12	E201507735	8/12/2015	587861.4	729693.2	X	X	X	X	X
IW-41A	2E	Yes	S1	IA-12	E201507732	7/27/2015	587841.6	729676.0	X	X	X	X	X
IW-41B2	2E	No	S2	IA-12	E201507734	7/24/2015	587846.8	729678.0	X	X	X	X	X
IW-41B3	ND	ND	S2	IA-12	E201507733	7/24/2015	587842.0	729675.9	X	X	X	X	X
IW-42A	ND	ND	S1	IA-12	E201506995	7/29/2015	587921.6	729676.0	X	X	X	X	X
IW-42B2	ND	ND	S2	IA-12	E201506989	8/4/2015	587924.2	729679.0	X	X	X	X	X
IW-42B3	ND	ND	S2	IA-12	E201506996	7/28/2015	587921.8	729675.8	X	X	X	X	X
IW-43A	ND	ND	S1	IA-12	E201506997	7/10/2015	587877.3	729651.9	X	X	X	X	X
IW-43B2	ND	ND	S2	IA-12	E201506990	7/8/2015	587883.1	729650.5	X	X	X	X	X
IW-43B3	ND	ND	S2	IA-12	E201506998	7/10/2015	587877.0	729652.1	X	X	X	X	X
IW-44A	ND	ND	S1	IA-04	E201506909	8/10/2015	587741.9	729615.5	X	X	X	X	X
IW-44B2	ND	ND	S2	IA-04	E201506921	8/7/2015	587745.4	729612.4	X	X	X	X	X
IW-44B3	ND	ND	S2	IA-04	E201506910	8/7/2015	587742.3	729615.4	X	X	X	X	X
IW-45A	ND	ND	S1	IA-03	E201506911	9/14/2015	587789.3	729596.8	X	X	X	X	X
IW-45B2	ND	ND	S2	IA-03	E201506922	9/14/2015	587785.3	729597.7	X	X	X	X	X
IW-45B3	ND	ND	S2	IA-03	E201506912	9/14/2015	587789.0	729597.1	X	X	X	X	X
IW-46A	ND	ND	S1	IA-03	E201506913	9/14/2015	587784.7	729558.3	X	X	X	X	X
IW-46B2	ND	ND	S2	IA-03	E201506923	9/14/2015	587789.0	729556.4	X	X	X	X	X
IW-46B3	ND	ND	S2	IA-03	E201506914	9/14/2015	587785.1	729557.9	X	X	X	X	X
IW-47A	ND	ND	S1	IA-04	E201506915	9/8/2015	587710.1	729568.4	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
IW-47B2	ND	ND	S2	IA-04	E201506924	9/9/2015	587713.9	729567.1	X	X	X	X	X
IW-47B3	ND	ND	S2	IA-04	E201506916	9/3/2015	587709.8	729568.3	X	X	X	X	X
IW-48A	ND	ND	S1	IA-03	E201506917	7/15/2015	587746.9	729533.7	X	X	X	X	X
IW-48B2	ND	ND	S2	IA-03	E201506925	7/7/2015	587743.9	729528.2	X	X	X	X	X
IW-48B3	ND	ND	S2	IA-03	E201506918	7/15/2015	587746.6	729533.6	X	X	X	X	X
IW-49A	ND	ND	S1	IA-03	E201506919	8/11/2015	587698.8	729513.1	X	X	X	X	X
IW-49B2	ND	ND	S2	IA-03	E201506926	7/16/2015	587698.4	729509.2	X	X	X	X	X
IW-49B3	ND	ND	S2	IA-03	E201506920	8/10/2015	587698.5	729513.1	X	X	X	X	X
IW-4C	3E	No	S3	IA-11	E201406347	7/14/2014	587265.6	728167.5	X	X	X	X	X
IW-50A	ND	ND	S1	IA-12	E201509722	9/3/2015	588015.6	729788.6	X	X	X	X	X
IW-50B2	ND	ND	S2	IA-12	E201509724	9/4/2015	588011.7	729790.9	X	X	X	X	X
IW-50B3	ND	ND	S2	IA-12	E201509723	9/2/2015	588015.4	729788.6	X	X	X	X	X
IW-51A	OVB	Yes	S1	IA-12	E201508765	8/27/2015	588011.5	729732.9	X	X	X	X	X
IW-51B	ND	ND	S2	IA-12	E201508766	8/25/2015	588009.7	729728.9	X	X	X	X	X
IW-52A	ND	ND	S1	IA-12	E201508771	9/3/2015	588023.7	729746.0	X	X	X	X	X
IW-52B2	ND	ND	S2	IA-12	E201508767	9/4/2015	588021.6	729750.0	X	X	X	X	X
IW-52B3	ND	ND	S2	IA-12	E201508772	9/1/2015	588023.6	729745.5	X	X	X	X	X
IW-54A	OVB	Yes	S1	IA-12	E201508768	8/19/2015	587987.1	729691.5	X	X	X	X	X
IW-54B	ND	ND	S2	IA-12	E201508769	8/12/2015	587984.6	729687.0	X	X	X	X	X
IW-55A	ND	ND	S1	IA-12	E201508773	8/14/2015	587993.7	729707.4	X	X	X	X	X
IW-55B2	ND	ND	S2	IA-12	E201508770	8/7/2015	588000.1	729716.2	X	X	X	X	X
IW-55B3	ND	ND	S2	IA-12	E201508774	8/13/2015	587993.3	729707.3	X	X	X	X	X
IW-57A	ND	ND	S1	IA-12	E201506999	7/29/2015	587968.6	729665.1	X	X	X	X	X
IW-57B2	ND	ND	S2	IA-12	E201506991	8/4/2015	587971.6	729668.7	X	X	X	X	X
IW-57B3	ND	ND	S2	IA-12	E201507000	7/28/2015	587968.3	729665.0	X	X	X	X	X
IW-58A	ND	ND	S1	IA-12	E201506992	7/14/2015	587920.9	729654.7	X	X	X	X	X
IW-58B	ND	ND	S2	IA-12	E201506993	6/30/2015	587914.4	729648.2	X	X	X	X	X
IW-59A	ND	ND	S1	IA-12	E201507001	7/21/2015	587940.9	729629.8	X	X	X	X	X
IW-59B2	ND	ND	S2	IA-12	E201506994	7/23/2015	587944.9	729635.8	X	X	X	X	X
IW-59B3	ND	ND	S2	IA-12	E201507002	7/20/2015	587940.6	729629.9	X	X	X	X	X
IW-5C	ND	ND	S3	IA-11	E201406423	6/17/2014	587238.0	728226.9	X	X	X	X	X
IW-60B	ND	ND	S2	IA-01	E201506106	7/15/2015	587160.4	730111.8	X	X	X	X	X
IW-60C	ND	ND	S3	IA-01	E201506107	7/14/2015	587160.5	730111.5	X	X	X	X	X
IW-61B	ND	ND	S2	IA-04	E201506108	7/16/2015	587234.7	730065.8	X	X	X	X	X
IW-61C	ND	ND	S3	IA-04	E201506109	7/15/2015	587234.8	730066.0	X	X	X	X	X
IW-62B	ND	ND	S2	IA-01	E201506110	8/6/2015	587116.8	730096.9	X	X	X	X	X
IW-62C	ND	ND	S3	IA-01	E201506111	8/3/2015	587116.4	730097.0	X	X	X	X	X
IW-63B	ND	ND	S2	IA-01	E201506112	8/6/2015	587174.7	730060.5	X	X	X	X	X
IW-63C	ND	ND	S3	IA-01	E201506113	8/3/2015	587174.8	730060.3	X	X	X	X	X
IW-64B	ND	ND	S2	IA-04	E201506114	7/28/2015	587236.2	730023.0	X	X	X	X	X
IW-64C	ND	ND	S3	IA-04	E201506115	7/23/2015	587236.0	730023.0	X	X	X	X	X
IW-65A	ND	ND	S1	IA-01	E201508884	9/1/2015	587067.1	730082.2	X	X	X	X	X
IW-65B	ND	ND	S2	IA-01	E201508885	8/28/2015	587066.8	730082.0	X	X	X	X	X
IW-66A	ND	ND	S1	IA-01	E201508886	8/27/2015	587125.1	730044.8	X	X	X	X	X
IW-66B	ND	ND	S2	IA-01	E201508887	8/25/2015	587125.0	730044.4	X	X	X	X	X
IW-67A	ND	ND	S1	IA-04	E201508888	8/26/2015	587183.7	730006.7	X	X	X	X	X
IW-67B	ND	ND	S2	IA-04	E201508889	8/21/2015	587183.9	730007.0	X	X	X	X	X
IW-68A	ND	ND	S1	IA-04	E201506756	8/11/2015	587243.1	729969.0	X	X	X	X	X
IW-68B	ND	ND	S2	IA-04	E201506757	8/10/2015	587242.8	729969.0	X	X	X	X	X
IW-69A	ND	ND	S1	IA-01	E201508890	8/26/2015	587062.8	730012.8	X	X	X	X	X
IW-69B	ND	ND	S2	IA-01	E201508891	8/25/2015	587062.7	730012.5	X	X	X	X	X
IW-6B	3E	No	S2	IA-11	E201407240	6/16/2014	587220.0	728208.1	X	X	X	X	X
IW-70A	ND	ND	S1	IA-01	E201508892	8/26/2015	587121.5	729974.8	X	X	X	X	X
IW-70B	ND	ND	S2	IA-01	E201508893	8/25/2015	587121.5	729975.1	X	X	X	X	X
IW-71A	ND	ND	S1	IA-04	E201506758	7/28/2015	587178.6	729936.5	X	X	X	X	X
IW-71B	ND	ND	S2	IA-04	E201506759	7/23/2015	587178.7	729936.8	X	X	X	X	X
IW-72A	ND	ND	S1	IA-04	E201507173	8/4/2015	587239.3	729899.0	X	X	X	X	X
IW-72B	ND	ND	S2	IA-04	E201507174	7/29/2015	587239.5	729898.9	X	X	X	X	X
IW-73A	ND	ND	S1	IA-01	E201509133	8/18/2015	587001.5	729979.9	X	X	X	X	X
IW-73B	ND	ND	S2	IA-01	E201509134	8/17/2015	587001.2	729979.9	X	X	X	X	X
IW-74A	ND	ND	S1	IA-01	E201509135	8/19/2015	587059.7	729942.6	X	X	X	X	X
IW-74B	ND	ND	S2	IA-01	E201509136	8/18/2015	587060.0	729942.8	X	X	X	X	X
IW-75A	ND	ND	S1	IA-04	E201508894	8/25/2015	587119.1	729904.2	X	X	X	X	X
IW-75B	ND	ND	S2	IA-04	E201508895	8/20/2015	587119.4	729904.4	X	X	X	X	X
IW-76A	ND	ND	S1	IA-04	E201507175	7/28/2015	587174.9	729866.6	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
IW-76B	ND	ND	S2	IA-04	E201507176	7/23/2015	587175.1	729866.7	X	X	X	X	X
IW-77A	ND	ND	S1	IA-01	E201508647	8/11/2015	586933.0	729936.7	X	X	X	X	X
IW-77B	ND	ND	S2	IA-01	E201508648	8/10/2015	586932.8	729936.4	X	X	X	X	X
IW-78A	ND	ND	S1	IA-01	E201509137	8/19/2015	586988.3	729908.2	X	X	X	X	X
IW-78B	ND	ND	S2	IA-01	E201509138	8/17/2015	586988.1	729908.2	X	X	X	X	X
IW-79A	ND	ND	S1	IA-05	E201508896	9/1/2015	587042.9	729868.2	X	X	X	X	X
IW-79B	ND	ND	S2	IA-05	E201508897	8/28/2015	587043.1	729868.4	X	X	X	X	X
IW-7C	3E	No	S3	IA-11	E201407015	6/25/2014	587280.4	728107.2	X	X	X	X	X
IW-80A	ND	ND	S1	IA-04	E201507177	7/21/2015	587113.8	729834.3	X	X	X	X	X
IW-80B	ND	ND	S2	IA-04	E201507178	7/17/2015	587113.6	729834.2	X	X	X	X	X
IW-81B	ND	ND	S1	IA-01	E201505900	6/30/2015	586880.1	729891.7	X	X	X	X	X
IW-81C	ND	ND	S3	IA-01	E201505901	6/22/2015	586880.1	729891.3	X	X	X	X	X
IW-82B	ND	ND	S2	IA-01	E201505902	8/18/2015	586924.3	729868.1	X	X	X	X	X
IW-82C	ND	ND	S3	IA-01	E201505903	8/17/2015	586924.5	729868.5	X	X	X	X	X
IW-83B	ND	ND	S2	IA-01	E201508392	8/18/2015	586985.7	729829.0	X	X	X	X	X
IW-83C	ND	ND	S3	IA-01	E201508393	8/17/2015	586985.9	729829.4	X	X	X	X	X
IW-84B	ND	ND	S2	IA-01	E201508394	8/21/2015	587038.0	729796.4	X	X	X	X	X
IW-84C	ND	ND	S3	IA-01	E201508395	8/20/2015	587038.3	729796.3	X	X	X	X	X
IW-85B	ND	ND	S2	IA-04	E201508396	8/21/2015	587101.8	729760.1	X	X	X	X	X
IW-85C	ND	ND	S3	IA-04	E201508397	8/20/2015	587101.9	729760.4	X	X	X	X	X
IW-86B	ND	ND	S2	IA-01	E201505904	6/19/2015	586852.9	729846.2	X	X	X	X	X
IW-86C	ND	ND	S3	IA-01	E201505905	6/17/2015	586853.1	729846.6	X	X	X	X	X
IW-87B	ND	ND	S2	IA-01	E201508398	8/7/2015	586895.1	729818.9	X	X	X	X	X
IW-87C	ND	ND	S3	IA-01	E201508399	8/5/2015	586895.0	729818.6	X	X	X	X	X
IW-88B	ND	ND	S2	IA-01	E201508400	9/8/2015	586954.1	729781.2	X	X	X	X	X
IW-88C	ND	ND	S3	IA-01	E201508401	9/2/2015	586953.9	729780.9	X	X	X	X	X
IW-89B	ND	ND	S2	IA-01	E201506459	7/22/2015	587012.6	729742.8	X	X	X	X	X
IW-89C	ND	ND	S3	IA-01	E201506460	7/20/2015	587012.7	729743.1	X	X	X	X	X
IW-8A	ND	ND	S1	IA-12	E201410531	8/20/2014	587841.2	729720.5	X	X	X	X	X
IW-8B-1	ND	ND	S1	IA-12	E201410479	8/15/2014	587842.6	729724.3	X	X	X	X	X
IW-8B-2	ND	ND	S2	IA-12	E201410480	8/14/2014	587844.7	729728.5	X	X	X	X	X
IW-8B3	ND	ND	S2	IA-12	E201509652	9/21/2015	587844.0	729718.2	X	X	X	X	X
IW-90B	ND	ND	S2	IA-04	E201506461	7/20/2015	587071.8	729704.9	X	X	X	X	X
IW-90C	ND	ND	S3	IA-04	E201506462	7/13/2015	587071.8	729705.1	X	X	X	X	X
IW-91B	ND	ND	S2	IA-01	E201505906	6/30/2015	586832.7	729787.2	X	X	X	X	X
IW-91C	ND	ND	S3	IA-01	E201505907	6/22/2015	586832.8	729787.5	X	X	X	X	X
IW-92B	ND	ND	S2	IA-01	E201505908	8/21/2015	586891.7	729749.1	X	X	X	X	X
IW-92C	ND	ND	S3	IA-01	E201505909	8/20/2015	586891.8	729749.4	X	X	X	X	X
IW-93B	ND	ND	S2	IA-01	E201506951	8/3/2015	586949.9	729711.4	X	X	X	X	X
IW-93C	ND	ND	S3	IA-01	E201506952	7/31/2015	586950.1	729711.7	X	X	X	X	X
IW-94B	ND	ND	S2	IA-04	E201506463	9/8/2015	587009.3	729673.3	X	X	X	X	X
IW-94C	ND	ND	S3	IA-04	E201506464	9/2/2015	587009.3	729673.6	X	X	X	X	X
IW-95B	ND	ND	S2	IA-01	E201506226	8/18/2015	586826.4	729718.6	X	X	X	X	X
IW-95C	ND	ND	S3	IA-01	E201506227	8/14/2015	586826.2	729718.3	X	X	X	X	X
IW-96B	ND	ND	S2	IA-01	E201506953	8/4/2015	586885.8	729681.5	X	X	X	X	X
IW-96C	ND	ND	S3	IA-01	E201506954	7/31/2015	586885.4	729681.4	X	X	X	X	X
IW-97B	ND	ND	S2	IA-01	E201506955	7/17/2015	586946.8	729641.3	X	X	X	X	X
IW-97C	ND	ND	S3	IA-01	E201506956	7/13/2015	586946.9	729641.6	X	X	X	X	X
IW-98B	ND	ND	S2	IA-02	E201506465	7/17/2015	587005.9	729603.7	X	X	X	X	X
IW-98C	ND	ND	S3	IA-02	E201506466	7/13/2015	587006.0	729604.1	X	X	X	X	X
IW-99B	ND	ND	S2	IA-01	E201505910	8/24/2015	586826.1	729648.2	X	X	X	X	X
IW-99C	ND	ND	S3	IA-01	E201505911	8/20/2015	586826.3	729647.9	X	X	X	X	X
IW-9A	ND	ND	S1	IA-12	E201410530	8/21/2014	587859.5	729733.3	X	X	X	X	X
IW-9B-1	ND	ND	S1	IA-12	E201410159	8/8/2014	587864.5	729730.3	X	X	X	X	X
IW-9B-2	ND	ND	S2	IA-12	E201410160	8/25/2014	587867.9	729728.1	X	X	X	X	X
IW-9B3	ND	ND	S2	IA-12	E201509653	9/23/2015	587868.4	729733.6	X	X	X	X	X
MP-WSG-1	OVB	Yes	S1	IA-06	No Permit	12/6/2007	586688.0	729267.2			X	X	X
MP-WSG-10	OVB	Yes	S1	IA-06	2600086714	3/11/2008	586663.6	729240.6	X	X	X	X	X
MP-WSG-11	OVB	Yes	S1	IA-06	2600086715	3/11/2008	586655.4	729290.9	X	X	X	X	X
MP-WSG-12	OVB	Yes	S1	IA-06	2600086716	3/11/2008	586681.0	729337.5	X	X	X	X	X
MP-WSG-2	OVB	Yes	S1	IA-06	No Permit	12/6/2007	586674.8	729263.7			X	X	X
MP-WSG-3	OVB	Yes	S1	IA-06	No Permit	12/6/2007	586689.3	729254.9			X	X	X
MP-WSG-4	OVB	Yes	S1	IA-06	2600086708	3/11/2008	586716.1	729347.9	X	X	X	X	X
MP-WSG-5	OVB	Yes	S1	IA-06	2600086709	3/11/2008	586726.0	729311.0	X	X	X	X	X
MP-WSG-6	OVB	Yes	S1	IA-06	2600086710	3/11/2008	586720.4	729276.2	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MP-WSG-7	OVB	Yes	S1	IA-06	2600086711	3/11/2008	586735.8	729233.2	X	X	X	X	X
MP-WSG-8	OVB	Yes	S1	IA-06	2600086712	3/11/2008	586708.8	729206.0	X	X	X	X	X
MP-WSG-9	OVB	Yes	S1	IA-06	2600086713	3/11/2008	586683.9	729224.4	X	X	X	X	X
MW-1	2W	Yes	S1	IA-01	2600011827	11/19/1987	586830.1	730109.7	X	X	X	X	X
MW-10	OVB	Yes	S1	IA-03	2600011831	10/27/1987	588022.7	729045.7	X	X	X	X	X
MW-100	4E	Yes	S1	IA-11	P200804384	12/17/2008	587322.1	727785.9	X	X	X	X	X
MW-101	4E	Yes	S1	IA-11	P200804385	1/22/2009	587311.2	727792.5	X	X	X	X	X
MW-102	3E	Yes	S1	IA-11	P200804386	12/10/2008	587256.2	727920.5	X	X	X	X	X
MW-103A	OVB	Yes	S1	Offsite	P200804387	1/12/2009	586910.0	728286.9	X	X	X	X	X
MW-103B	4W	No	S2	Offsite	P200804397	2/5/2009	586914.6	728279.3	X	X	X	X	X
MW-104A	OVB	Yes	S1	Offsite	P200804388	1/20/2009	587022.3	728115.6	X	X	X	X	X
MW-104B	3E	No	S2	Offsite	P200804398	1/20/2009	587026.2	728107.8	X	X	X	X	X
MW-104C	4E	No	S3	Offsite	E201306606	6/3/2013	587017.6	728125.7	X	X	X	X	X
MW-105A	OVB	Yes	S1	Offsite	P200804389	1/27/2009	586769.3	728004.5	X	X	X	X	X
MW-105B	4W	No	S2	Offsite	P200804399	2/5/2009	586765.0	727997.3	X	X	X	X	X
MW-106A	3E	Yes	S1	Offsite	P200804390	1/29/2009	587094.4	727971.4	X	X	X	X	X
MW-106B	3E	No	S2	Offsite	P200804400	1/26/2009	587097.7	727960.4	X	X	X	X	X
MW-107	4E	No	S2	Offsite	P200804401	2/3/2009	587133.4	727711.0	X	X	X	X	X
MW-108A	OVB	Yes	S1	Offsite	P200804392	1/20/2009	587094.8	727639.8	X	X	X	X	X
MW-108B	4E	No	S2	Offsite	P200804402	1/30/2009	587100.2	727635.1	X	X	X	X	X
MW-109	OVB	Yes	S1	Offsite	P200804393	1/15/2009	587087.5	728126.1	X	X	X	X	X
MW-11	ND	ND	S1	IA-03	2600011832	10/28/1987	587999.8	728946.3	X	X	X	X	X
MW-111	4E	Yes	S1	IA-15	P200804395	12/11/2008	587335.2	727622.5	X	X	X	X	X
MW-112	4E	Yes	S1	IA-15	P200804396	12/12/2008	587421.9	727449.3	X	X	X	X	X
MW-112A	4E	Yes	S1	IA-15	E201412398	9/24/2014	587436.7	727429.8	X	X	X	X	X
MW-112B	4E	No	S2	IA-15	E201308427	6/20/2013	587415.4	727462.4	X	X	X	X	X
MW-112C	5E	No	S3	IA-15	E201413487	10/24/2014	587430.7	727443.4	X	X	X	X	X
MW-113	2E	No	S3	IA-12	P200910159	7/28/2009	587891.7	729693.2	X	X	X	X	X
MW-114	4E	No	S2	IA-12	P200910160	8/6/2009	588646.5	729160.4	X	X	X	X	X
MW-114A	4E	Yes	S1	IA-12	E201403604	4/28/2014	588661.5	729164.7	X	X	X	X	X
MW-115	4E	No	S2	IA-03	P200910161	8/20/2009	588353.2	728921.4	X	X	X	X	X
MW-116	3E	No	S3	IA-03	P200910162	10/30/2009	587951.6	728915.1	X	X	X	X	X
MW-117	5W	No	S3	IA-09	E201311393	10/13/2009	587296.7	728892.7	X	X	X	X	X
MW-118	4E	No	S2	IA-07	P200910151	10/9/2009	588077.6	728461.2	X	X	X	X	X
MW-118C	5E	No	S3	IA-07	E201504142	5/14/2015	588051.1	728479.1	X	X	X	X	X
MW-119	4E	No	S3	IA-11	P200910155	10/7/2009	587224.1	728167.1	X	X	X	X	X
MW-12	3E	Yes	S1	IA-03	2600011833	11/10/1987	588120.5	728879.4	X	X	X	X	X
MW-120	4E	No	S2	IA-07	P200910157	10/27/2009	587977.7	728039.0	X	X	X	X	X
MW-121	5E	No	S3	IA-13	P200910158	9/17/2009	587690.2	727612.9	X	X	X	X	X
MW-122	4E	No	S2	IA-07	P200910153	9/15/2009	588144.5	728328.8	X	X	X	X	X
MW-124A	5E	Yes	S1	IA-15	E201308748	6/28/2013	587673.9	726942.4	X	X	X	X	X
MW-124B	5E	No	S2	IA-15	E201000869	7/23/2010	587683.0	726964.8	X	X	X	X	X
MW-124C	5E	No	S3	IA-15	E201304824	4/15/2013	587683.3	726953.2	X	X	X	X	X
MW-125	OVB	Yes	S1	IA-07	E201012850	10/15/2010	587596.4	728652.0	X	X	X	X	X
MW-125A	3E	No	S2	IA-07	E201303085	3/23/2013	587573.3	728642.9	X	X	X	X	X
MW-126	OVB	Yes	S1	IA-10	E201012851	10/13/2010	586853.6	728465.1	X	X	X	X	X
MW-126B	4W	No	S2	IA-10	E201405728	5/14/2014	586845.2	728471.5	X	X	X	X	X
MW-126C	4W	No	S3	IA-10	E201405729	5/14/2014	586847.9	728459.2	X	X	X	X	X
MW-127	OVB	Yes	S1	IA-04	E201012848	10/12/2010	587627.8	729694.4	X	X	X	X	X
MW-128	OVB	Yes	S1	IA-07	E201012849	10/23/2010	587747.1	728764.5	X	X	X	X	X
MW-128B	3E	No	S2	IA-07	E201314890	7/30/2013	587762.4	728790.9	X	X	X	X	X
MW-128C	3E	No	S3	IA-07	E201306927	7/23/2013	587756.9	728782.4	X	X	X	X	X
MW-129	OVB	Yes	S1	IA-10	E201012950	10/11/2010	586452.9	729784.7	X	X	X	X	X
MW-13	OVB	Yes	S1	IA-02	2600011834	11/12/1987	587038.1	729332.2	X	X	X	X	X
MW-130	4E	Yes	S1	IA-15	E201113438	9/15/2011	587505.3	727533.0	X	X	X	X	X
MW-131	5E	Yes	S1	IA-14	E201113439	8/24/2011	587994.8	727346.1	X	X	X	X	X
MW-131B	5E	No	S2	IA-14	E201403623	5/16/2014	587986.9	727340.7	X	X	X	X	X
MW-131C	5E	No	S3	IA-14	E201403624	4/23/2014	588002.8	727348.9	X	X	X	X	X
MW-135	2W	Yes	S1	IA-01	E201113441	8/19/2011	586789.3	729695.9	X	X	X	X	X
MW-136	2W	Yes	S1	IA-01	E201113727	9/20/2011	586898.1	729586.1	X	X	X	X	X
MW-136B	3W	No	S2	IA-01	E201416041	3/11/2015	586911.3	729581.5	X	X	X	X	X
MW-136C	3W	No	S3	IA-01	E201415879	3/13/2015	586896.7	729572.2	X	X	X	X	X
MW-137	2W	Yes	S1	IA-02	E201113728	9/23/2011	586971.8	729542.8	X	X	X	X	X
MW-138	3E	Yes	S1	IA-11	E201115787	11/14/2011	587583.7	728174.8	X	X	X	X	X
MW-139	OVB	Yes	S1	IA-07	E201118758	11/16/2011	587531.3	729062.9	X	X	X	X	X

Appendix B-1
Well Documentation Log
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Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-139A	OVB	Yes	S1	IA-07	E201611544	9/27/2016	587530.9	729062.9	X	X	X	X	
MW-13AR	OVB	Yes	S1	IA-02	E201501065	3/17/2015	587037.3	729339.6	X	X	X	X	X
MW-14	OVB	Yes	S1	IA-09	2600011835	11/17/1987	587133.0	729236.0	X	X	X		X
MW-140	5E	No	S3	IA-14	E201115793	11/8/2011	587727.9	727152.1	X	X	X	X	X
MW-141	4E	Yes	S1	IA-13	E201113440	9/16/2011	587574.6	727860.0	X	X	X	X	X
MW-142	4E	Yes	S1	IA-13	E201115790	9/13/2011	587469.9	727646.4	X	X	X	X	X
MW-142B	4E	No	S2	IA-13	E201412637	9/26/2014	587476.2	727643.2	X	X	X	X	X
MW-142C	5E	No	S3	IA-13	E201412638	9/30/2014	587475.6	727649.8	X	X	X	X	X
MW-143	4E	Yes	S1	IA-13	E201115791	9/7/2011	587603.9	727606.3	X	X	X	X	X
MW-143B	4E	No	S2	IA-13	E201403608	5/12/2014	587609.5	727618.8	X	X	X	X	X
MW-143C	5E	No	S3	IA-13	E201412330	9/23/2014	587610.6	727609.8	X	X	X	X	X
MW-144A	OVB	Yes	S1	Offsite	E201204687	4/17/2012	586982.2	727607.2	X	X	X	X	X
MW-144B	4E	No	S2	Offsite	E201204690	4/17/2012	586982.4	727598.9	X	X	X	X	X
MW-145A	4E	Yes	S1	Offsite	E201204688	4/30/2012	587435.1	727221.2	X	X	X	X	X
MW-145B	5E	No	S2	Offsite	E201204691	5/7/2012	587430.1	727216.4	X	X	X	X	X
MW-145C	5E	No	S3	Offsite	E201510510	9/18/2015	587435.9	727216.4	X	X	X	X	X
MW-146A	5E	Yes	S1	Offsite	E201204689	4/24/2012	587569.5	726815.5	X	X	X	X	X
MW-146B	5E	No	S2	Offsite	E201306327	7/17/2013	587487.1	726751.9	X	X	X	X	X
MW-146C	5E	No	S3	Offsite	E201306326	7/17/2013	587466.7	726766.1	X	X	X	X	X
MW-148A	5E	Yes	S2	IA-14	E201207238	5/18/2012	587897.6	726943.8	X	X	X	X	X
MW-148B	5E	No	S3	IA-14	E201207239	5/21/2012	587907.2	726940.4	X	X	X	X	X
MW-149	5E	No	S3	IA-14	E201301433	2/15/2013	588285.0	726910.5	X	X	X	X	X
MW-14A	OVB	Yes	S1	IA-09	2600043992	3/18/1996	587134.2	729232.4	X	X	X	X	X
MW-15	OVB	Yes	S1	IA-07	2600011826	11/14/1987	587337.8	728830.6		X	X		X
MW-150	2E	Yes	S1	IA-03	E201303086	3/15/2013	587936.1	729105.4	X	X	X	X	X
MW-151	OVB	Yes	S1	IA-09	E201303809	4/1/2013	587291.0	729438.0	X	X	X	X	X
MW-152	OVB	Yes	S1	IA-09	E201303811	4/1/2013	587356.9	729403.2	X	X	X	X	X
MW-152B	4W	No	S2	IA-09	E201405304	4/25/2014	587345.1	729401.6	X	X	X	X	X
MW-152BR	4W	No	S2	IA-09	E201510906	9/21/2015	587345.4	729393.9	X	X	X	X	X
MW-152R	OVB	Yes	S1	IA-09	E201507724	7/15/2015	587357.4	729402.4	X	X	X	X	X
MW-153	OVB	Yes	S1	IA-09	E201303819	4/2/2013	587462.4	729335.4	X	X	X	X	X
MW-154	OVB	Yes	S1	IA-09	E201303820	4/3/2013	587428.0	729277.8	X	X	X	X	X
MW-154A	4W	Yes	S1	IA-09	E201316881	11/15/2013	587425.0	729274.3	X	X	X	X	X
MW-154B	4W	No	S2	IA-09	E201405307	5/9/2014	587425.1	729291.2	X	X	X	X	X
MW-154R	OVB	Yes	S1	IA-09	E201507726	7/13/2015	587427.4	729277.0	X	X	X	X	X
MW-155	OVB	Yes	S1	IA-06	E201304354	4/9/2013	587036.0	729152.2	X	X	X	X	X
MW-155R	OVB	Yes	S1	IA-06	E201507941	7/16/2015	587036.0	729152.3	X	X	X	X	X
MW-156	OVB	Yes	S1	IA-06	E201304355	4/9/2013	587027.0	729122.5	X	X	X	X	X
MW-156R	OVB	Yes	S1	IA-06	E201507942	7/16/2015	587027.0	729122.3	X	X	X	X	X
MW-157	2W	Yes	S1	IA-06	E201304356	4/4/2013	586738.5	729229.5	X	X	X	X	X
MW-157B	2W	No	S2	IA-06	E201415861	1/2/2015	586738.8	729258.5	X	X	X	X	X
MW-158	OVB	Yes	S1	IA-06	E201304357	4/11/2013	586933.2	729086.2	X	X	X	X	X
MW-158B	3W	No	S2	IA-06	E201415862	12/30/2014	586942.7	729059.3	X	X	X	X	X
MW-159	OVB	Yes	S1	IA-06	E201304358	4/13/2013	586967.7	729037.8	X	X	X	X	X
MW-15A	OVB	Yes	S1	IA-07	2600051888	10/1/1998	587343.8	728836.9	X	X	X	X	X
MW-15B	2W	No	S2	IA-07	2600051889	10/5/1998	587340.0	728829.9	X	X	X	X	X
MW-16	1W	Yes	S1	IA-01	2600012044	11/5/1987	586785.3	730345.7	X	X	X	X	X
MW-160	3W	Yes	S1	IA-06	E201304359	4/5/2013	586865.1	729103.8	X	X	X	X	X
MW-161	2W	Yes	S1	IA-06	E201304360	4/8/2013	586812.8	729137.6	X	X	X	X	X
MW-162	2W	Yes	S1	IA-06	E201304361	4/3/2013	586721.9	729181.0	X	X	X	X	X
MW-163	2W	Yes	S1	IA-06	E201304362	4/2/2013	586687.4	729121.1	X	X	X	X	X
MW-164	OVB	Yes	S1	IA-09	E201303821	4/8/2013	587394.7	729074.2	X	X	X	X	X
MW-165	OVB	Yes	S1	IA-09	E201303826	4/5/2013	587160.9	729273.4	X	X	X	X	X
MW-166	OVB	Yes	S1	IA-09	E201303828	4/5/2013	587175.3	729296.3	X	X	X	X	X
MW-167A	OVB	Yes	S1	IA-09	E201304398	4/4/2013	587380.2	729272.5	X	X	X	X	X
MW-167B	4W	No	S2	IA-09	E201304401	4/10/2013	587384.5	729270.2	X	X	X	X	X
MW-168A	OVB	Yes	S1	IA-09	E201304407	4/4/2013	587322.1	729309.0	X	X	X	X	X
MW-168B	4W	No	S2	IA-09	E201304408	4/12/2013	587326.4	729306.5	X	X	X	X	X
MW-169A	OVB	Yes	S1	IA-09	E201304410	4/4/2013	587262.9	729345.9	X	X	X	X	X
MW-169B	3W	No	S2	IA-09	E201304412	4/12/2013	587267.0	729343.6	X	X	X	X	X
MW-17	OVB	Yes	S1	IA-09	2600014984	12/8/1988	587075.7	729125.5	X	X	X	X	X
MW-170	OVB	Yes	S1	IA-09	E201303829	4/2/2013	587410.6	729374.6	X	X	X	X	X
MW-170A	OVB	Yes	S1	IA-09	E201308753	7/12/2013	587402.8	729358.9	X	X	X	X	X
MW-170AR	OVB	Yes	S1	IA-09	E201510908	9/22/2015	587402.7	729358.6	X	X	X	X	X
MW-170B	4W	No	S2	IA-09	E201308754	7/11/2013	587412.4	729358.8	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-170BR	4W	No	S2	IA-09	E201510907	9/18/2015	587412.1	729358.6	X	X	X	X	X
MW-170R	OVB	Yes	S1	IA-09	E201507725	7/14/2015	587411.9	729374.6	X	X	X	X	X
MW-171A	4E	Yes	S1	Offsite	E201306954	8/16/2013	587218.3	727431.3	X	X	X	X	X
MW-171B	4E	No	S2	Offsite	E201307651	8/19/2013	587222.1	727422.9	X	X	X	X	X
MW-171C	5E	No	S3	Offsite	E201307673	8/21/2013	587213.7	727441.6	X	X	X	X	X
MW-172	4E	Yes	S1	IA-11	E201306956	5/23/2013	587694.8	727873.3	X	X	X	X	X
MW-172C	4E	No	S2	IA-11	E201308284	7/12/2013	587723.8	727935.0	X	X	X	X	X
MW-172-S3	5E	No	S3	IA-11	E201407697	6/26/2014	587709.3	727913.3	X	X	X	X	X
MW-173	4E	Yes	S1	IA-13	E201305193	4/17/2013	587512.2	727805.3	X	X	X	X	X
MW-173C	5E	No	S3	IA-13	E201407273	6/17/2014	587494.2	727781.7	X	X	X	X	X
MW-174	4W	Yes	S1	IA-04	E201303564	4/23/2013	587513.8	729572.8	X	X	X	X	X
MW-175	4W	Yes	S1	IA-04	E201303565	4/26/2013	587587.0	729580.9	X	X	X	X	X
MW-176	ND	ND	S2	IA-04	E201303567	5/4/2013	null	null	X	X			
MW-177	2W	Yes	S1	IA-04	E201303566	5/10/2013	587132.4	729896.2	X	X	X	X	X
MW-178	4W	Yes	S1	IA-04	E201303568	4/30/2013	587599.0	729711.5	X	X	X	X	X
MW-179	4W	Yes	S1	IA-04	E201303569	5/2/2013	587584.0	729768.1	X	X	X	X	X
MW-18	OVB	Yes	S1	IA-11	2600014980	12/8/1988	587252.2	728417.9	X	X	X	X	X
MW-180	3W	Yes	S1	IA-04	E201303570	4/2/2013	587495.2	729861.4	X	X	X	X	X
MW-181	3W	No	S2	IA-04	E201303571	4/16/2013	587379.4	729650.5	X	X	X	X	X
MW-182	3W	Yes	S1	IA-04	E201303572	4/12/2013	587294.6	729889.0	X	X	X	X	X
MW-183	3W	Yes	S1	IA-04	E201303573	4/1/2013	587434.8	729896.6	X	X	X	X	X
MW-183AR	3W	Yes	S1	IA-04	E201512234	10/19/2015	587432.1	729899.0	X	X	X	X	X
MW-184	3W	Yes	S1	IA-04	E201303574	4/5/2013	587366.7	729956.6	X	X	X	X	X
MW-185	3W	Yes	S1	IA-04	E201303575	4/10/2013	587318.5	729972.0	X	X	X	X	X
MW-185AR	3W	Yes	S1	IA-04	E201512232	10/20/2015	587314.5	729972.6	X	X	X	X	X
MW-186-2	3W	No	S2	IA-02	E201306228	5/13/2013	587069.3	729359.3	X	X	X	X	X
MW-186A	OVB	Yes	S1	IA-02	E201304324	4/11/2013	587075.7	729358.4	X	X	X	X	X
MW-186AR	OVB	Yes	S1	IA-02	E201501064	3/17/2015	587081.3	729358.8	X	X	X	X	X
MW-186B	4W	No	S3	IA-02	E201304325	5/7/2013	587072.5	729353.1	X	X	X	X	X
MW-187	OVB	Yes	S1	IA-03	E201303408	3/22/2013	587506.0	729142.5	X	X	X	X	X
MW-188	2E	Yes	S1	IA-03	E201303409	3/29/2013	587783.2	729087.5	X	X	X	X	X
MW-189A	OVB	Yes	S1	IA-03	E201303410	3/19/2013	588020.2	728975.0	X	X	X	X	X
MW-189B	3E	No	S2	IA-03	E201303411	3/26/2013	588012.6	728963.6	X	X	X	X	X
MW-19	3E	Yes	S1	IA-07	2600014981	12/6/1988	587886.5	728762.4	X	X	X		X
MW-190A	OVB	Yes	S1	IA-03	E201303412	3/21/2013	588051.2	728989.2	X	X	X	X	X
MW-190B	3E	No	S2	IA-03	E201303413	3/26/2013	588093.8	728963.3	X	X	X	X	X
MW-191A	OVB	Yes	S1	IA-03	E201303414	3/19/2013	588066.8	729040.9	X	X	X	X	X
MW-191B	3E	No	S2	IA-03	E201303415	3/26/2013	588062.2	729031.8	X	X	X	X	X
MW-192	OVB	Yes	S1	IA-07	E201218665	12/14/2012	587327.6	728871.8	X	X	X	X	X
MW-193	OVB	Yes	S1	IA-07	E201218663	12/18/2012	587412.5	729006.0	X	X	X	X	X
MW-194	OVB	Yes	S1	IA-07	E201218664	12/18/2012	587455.4	729073.9	X	X	X	X	X
MW-195A	OVB	Yes	S1	IA-07	E201218666	12/14/2012	587440.1	728717.7	X	X	X	X	X
MW-196	3E	Yes	S1	IA-07	E201218603	12/13/2012	587818.9	728552.7	X	X	X	X	X
MW-197	3E	Yes	S1	IA-07	E201218604	12/12/2012	587793.3	728548.1	X	X	X	X	X
MW-198	3E	Yes	S1	IA-07	E201218830	12/19/2012	587749.6	728522.5	X	X	X	X	X
MW-199	3E	Yes	S1	IA-07	E201218831	12/19/2012	587765.9	728548.3	X	X	X	X	X
MW-19A	3E	Yes	S1	IA-07	E201000867	4/22/2010	587874.6	728739.6	X	X	X	X	X
MW-1A	OVB	Yes	S1	IA-01	2600024654	11/1/1991	586881.6	730105.0	X	X	X	X	X
MW-2	2W	Yes	S1	IA-04	2600011828	11/18/1987	587102.9	729744.2	X	X	X	X	X
MW-20	3W	Yes	S1	IA-04	2600019596	3/20/1990	587314.5	729933.8	X	X	X	X	X
MW-200	3W	Yes	S1	IA-04	E201303563	4/18/2013	587278.2	729679.5	X	X	X	X	X
MW-201	2E	Yes	S1	Offsite	E201303451	3/21/2013	588019.4	730009.0	X	X	X	X	X
MW-201A	2E	Yes	S1	Offsite	E201306049	5/2/2013	588021.3	730011.2	X	X	X	X	X
MW-201B	2E	No	S2	Offsite	E201411640	10/16/2014	588034.0	730005.5	X	X	X	X	X
MW-201C	3E	No	S3	Offsite	E201411639	10/17/2014	588029.9	729998.7	X	X	X	X	X
MW-202	2E	Yes	S1	Offsite	E201303452	3/22/2013	588061.1	729979.1	X	X	X	X	X
MW-203	2E	Yes	S1	Offsite	E201303453	3/22/2013	588184.6	729913.2	X	X	X	X	X
MW-204B	3E	No	S2	IA-07	E201309685	7/24/2013	587536.4	728567.0	X	X	X	X	X
MW-204C	4E	No	S3	IA-07	E201304823	7/23/2013	587527.3	728571.9	X	X	X	X	X
MW-205	OVB	Yes	S1	IA-10	E201305232	4/22/2013	586591.6	728745.6	X	X	X	X	X
MW-206B	1W	No	S2	IA-10	E201304512	4/15/2013	586092.4	729862.6	X	X	X	X	X
MW-206C	1W	No	S3	IA-10	E201302486	4/10/2013	586105.2	729854.0	X	X	X	X	X
MW-207A	OVB	Yes	S1	IA-10	E201304515	5/8/2013	586307.3	728999.2	X	X	X	X	X
MW-207B	2W	No	S2	IA-10	E201304516	4/17/2013	586304.4	729020.2	X	X	X	X	X
MW-207C	2W	No	S3	IA-10	E201302495	4/9/2013	586294.2	729009.1	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-208A	OVB	Yes	S1	IA-10	E201304518	4/16/2013	586507.8	728650.3	X	X	X	X	X
MW-208B	3W	No	S2	IA-10	E201304519	4/18/2013	586509.1	728672.0	X	X	X	X	X
MW-208C	3W	No	S3	IA-10	E201302497	4/9/2013	586495.9	728660.1	X	X	X	X	X
MW-209A	OVB	Yes	S1	Offsite	E201306459	5/16/2013	586675.7	728173.8	X	X	X	X	X
MW-209B	4W	No	S2	Offsite	E201306460	5/20/2013	586684.4	728175.0	X	X	X	X	X
MW-209C	4W	No	S3	Offsite	E201306461	5/16/2013	586681.5	728170.6	X	X	X	X	X
MW-20AR	3W	Yes	S1	IA-04	E201512233	10/20/2015	587317.8	729931.9	X	X	X	X	X
MW-21	OVB	Yes	S1	IA-09	2600036929	5/19/1994	587227.0	729206.7	X	X	X	X	X
MW-210	2W	Yes	S1	IA-10	E201305233	4/19/2013	586364.9	729146.0	X	X	X	X	X
MW-211C	5W	No	S3	IA-12	E201308508	6/14/2013	587839.2	729795.9	X	X	X	X	X
MW-212C	5W	No	S3	IA-07	E201308786	5/31/2013	587487.3	729067.6	X	X	X	X	X
MW-213A	1W	Yes	S1	Offsite	E201311461	9/3/2013	585871.9	728875.0	X	X	X	X	X
MW-213B	1W	Yes	S1	Offsite	E201311462	8/23/2013	585877.0	728882.6	X	X	X	X	X
MW-213C	1W	No	S2	Offsite	E201311466	8/27/2013	585866.1	728866.5	X	X	X	X	X
MW-214A	OVB	Yes	S1	Offsite	E201311468	9/5/2013	586290.3	728476.3	X	X	X	X	X
MW-214B	2W	No	S2	Offsite	E201312148	8/22/2013	586293.1	728487.5	X	X	X	X	X
MW-214C	3W	No	S3	Offsite	E201311480	9/4/2013	586284.7	728469.5	X	X	X	X	X
MW-215C	4E	No	S3	Offsite	E201311204	8/15/2013	586748.1	727501.6	X	X	X	X	X
MW-216C	5E	No	S3	Offsite	E201311207	8/13/2013	587128.2	727023.6	X	X	X	X	X
MW-217	OVB	Yes	S1	IA-04	E201308752	7/2/2013	587428.9	729402.4	X	X	X	X	X
MW-217B	4W	No	S2	IA-09	E201405303	5/5/2014	587434.2	729390.3	X	X	X	X	X
MW-217BR	4W	No	S2	IA-09	E201510905	9/18/2015	587434.4	729397.7	X	X	X	X	X
MW-218	OVB	Yes	S1	IA-07	E201309945	7/27/2013	587396.2	728492.8	X	X	X	X	X
MW-218B	2E	No	S2	IA-07	E201316871	11/12/2013	587387.6	728489.4	X	X	X	X	X
MW-218C	3E	No	S3	IA-07	E201316872	11/13/2013	587396.9	728483.0	X	X	X	X	X
MW-219	OVB	Yes	S1	IA-11	E201309448	7/10/2013	587295.5	728331.8	X	X	X	X	X
MW-22	ND	ND	S2	IA-06	2600036930	5/24/1994	586819.0	728789.0	X	X	X	X	X
MW-220	OVB	Yes	S1	IA-15	E201308747	6/26/2013	587478.5	727334.0	X	X	X	X	X
MW-221B	4E	No	S2	IA-15	E201406105	6/10/2014	587552.2	727490.3	X	X	X	X	X
MW-221C	5E	No	S3	IA-15	E201308424	6/13/2013	587523.7	727537.2	X	X	X	X	X
MW-222	5E	No	S3	Offsite	E201313503	9/20/2013	588022.0	726107.5	X	X	X	X	X
MW-222C	5E	No	D2	Offsite	E201311482	9/20/2013	588002.6	726102.6	X	X	X	X	X
MW-223B	1W	No	S2	IA-10	E201313822	9/26/2013	586194.3	730193.2	X	X	X	X	X
MW-223C	1W	No	S3	IA-10	E201308432	6/12/2013	586197.7	730182.4	X	X	X	X	X
MW-224B	2E	No	S2	IA-12	E201306922	7/18/2013	587889.6	729880.0	X	X	X	X	X
MW-225A	2W	Yes	S1	IA-03	E201506927	9/17/2015	587778.3	729586.9	X	X	X	X	X
MW-225B	2E	No	S2	IA-03	E201310884	8/5/2013	587772.8	729578.2	X	X	X	X	X
MW-225C	5W	No	S3	IA-03	E201308280	7/30/2013	587781.0	729594.9	X	X	X	X	X
MW-226A	3W	Yes	S1	IA-02	E201312045	8/22/2013	587112.2	729536.9	X	X	X	X	X
MW-226B	3W	No	S2	IA-02	E201312046	8/22/2013	587113.4	729552.0	X	X	X	X	X
MW-226C	4W	No	S3	IA-02	E201310696	8/6/2013	587122.0	729545.4	X	X	X	X	X
MW-227A	3E	Yes	S1	IA-11	E201314571	10/8/2013	587433.1	728128.1	X	X	X	X	X
MW-227B	4E	No	S2	IA-11	E201310697	9/4/2013	587425.3	728135.1	X	X	X	X	X
MW-227C	4E	No	S3	IA-11	E201316258	10/9/2013	587439.3	728123.3	X	X	X	X	X
MW-228A	2E	Yes	S1	IA-03	E201312279	9/18/2013	587964.1	729228.9	X	X	X	X	X
MW-228B	3E	No	S2	IA-03	E201312278	9/18/2013	587951.2	729223.5	X	X	X	X	X
MW-228C	3E	No	S3	IA-03	E201310702	8/6/2013	587962.5	729216.7	X	X	X	X	X
MW-229A	OVB	Yes	S1	IA-10	E201312140	8/12/2013	586100.4	730374.9	X	X	X	X	X
MW-229B	1W	No	S2	IA-10	E201310971	8/14/2013	586090.3	730371.7	X	X	X	X	X
MW-229C	1W	No	S3	IA-10	E201316183	8/6/2013	586103.2	730363.3	X	X	X	X	X
MW-22A	3W	No	S2	IA-06	2600051883	9/29/1998	586803.5	728799.5	X	X	X	X	X
MW-23	OVB	Yes	S1	IA-12	2600036931	5/20/1994	587895.7	729748.6	X	X	X	X	X
MW-230B	1W	No	S2	IA-10	E201310972	8/13/2013	586566.2	730470.7	X	X	X	X	X
MW-230C	1W	No	S3	IA-10	E201315813	8/9/2013	586549.3	730479.7	X	X	X	X	X
MW-231B	3W	No	S2	IA-12	E201310941	8/9/2013	587541.2	730073.1	X	X	X	X	X
MW-231C	4W	No	S3	IA-12	E201316280	9/4/2013	587552.4	730069.3	X	X	X	X	X
MW-232B	2E	Yes	S1	IA-12	E201310944	8/13/2013	588227.3	729655.3	X	X	X	X	X
MW-232C	3E	No	S2	IA-12	E201315818	8/9/2013	588241.6	729650.4	X	X	X	X	X
MW-233C	5W	No	S3	IA-12	E201306923	7/26/2013	587886.4	729794.2	X	X	X	X	X
MW-234B	2E	No	S2	IA-12	E201306924	7/26/2013	587922.7	729806.9	X	X	X	X	X
MW-235	3W	Yes	S1	IA-04	E201310946	9/21/2013	587338.1	729853.9	X	X	X	X	X
MW-236B	4W	No	S2	Offsite	E201312196	9/10/2013	586507.2	727770.2	X	X	X	X	X
MW-236C	4W	No	S3	Offsite	E201312197	9/17/2013	586501.7	727773.7	X	X	X	X	X
MW-237A	2W	Yes	S1	IA-12	E201311727	8/19/2013	587192.0	730306.0	X	X	X	X	X
MW-237B	3W	No	S2	IA-12	E201311726	4/18/2014	587191.8	730315.4	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-237C	3W	No	S3	IA-12	E201315220	12/31/2013	587182.9	730310.7	X	X	X	X	X
MW-238B	3E	No	S2	IA-07	E201315054	10/11/2013	587199.9	728582.6	X	X	X	X	X
MW-238C	5W	No	S3	IA-07	E201312547	9/12/2013	587190.8	728587.6	X	X	X	X	X
MW-239	OVB	Yes	S1	IA-03	E201315998	11/25/2013	587731.1	729510.9	X	X	X	X	X
MW-239C	5W	No	S3	IA-03	E201506928	7/20/2015	587709.3	729526.9	X	X	X	X	X
MW-24	2E	Yes	S1	IA-12	2600036932	5/25/1994	587875.7	729720.2	X	X	X	X	X
MW-240BR	3W	No	S2	IA-02	E201406427	4/21/2014	587107.5	729422.0	X	X	X	X	X
MW-241B	3W	No	S2	IA-02	E201401690	4/21/2014	587128.4	729375.7	X	X	X	X	X
MW-242	OVB	Yes	S1	IA-11	E201315995	11/6/2013	587089.7	728363.3	X	X	X	X	X
MW-243A	3W	Yes	S1	IA-02	E201401691	4/17/2014	587130.0	729293.9	X	X	X	X	X
MW-243B	3W	No	S2	IA-02	E201401692	4/22/2014	587132.3	729297.6	X	X	X	X	X
MW-244B	3W	No	S2	IA-06	E201404218	4/22/2014	587041.0	729295.7	X	X	X	X	X
MW-245	OVB	Yes	S1	IA-10	E201315966	11/7/2013	586353.7	729652.4	X	X	X	X	X
MW-246B	3W	No	S2	IA-02	E201401694	4/21/2014	587048.9	729394.2	X	X	X	X	X
MW-247A	OVB	Yes	S1	IA-09	E201403935	4/23/2014	587467.2	729229.5	X	X	X	X	X
MW-248A	OVB	Yes	S1	IA-07	E201403922	4/15/2014	587223.7	728656.1	X	X	X	X	X
MW-249A	2E	Yes	S1	IA-07	E201403942	4/16/2014	587403.6	728643.4	X	X	X	X	X
MW-24A	2E	No	S2	IA-12	E201316581	12/2/2013	587769.5	729748.1	X	X	X	X	X
MW-24B	2E	No	S2	IA-12	E201316436	12/2/2013	587873.0	729685.2	X	X	X	X	X
MW-24C	2E	No	S2	IA-03	E201316485	11/18/2013	587718.5	729540.5	X	X	X	X	X
MW-25	OVB	Yes	S1	IA-11	2600036933	5/27/1994	587135.2	728402.4	X	X	X	X	X
MW-250B	2W	No	S2	IA-12	E201316180	9/20/2013	587766.5	729844.5	X	X	X	X	X
MW-251B	3W	No	S2	IA-06	E201313819	9/25/2013	586923.8	729371.0	X	X	X	X	X
MW-251C	3W	No	S3	IA-06	E201316077	9/20/2013	586918.9	729363.3	X	X	X	X	X
MW-252B	4W	No	S2	IA-09	E201316263	9/27/2013	587190.2	729221.2	X	X	X	X	X
MW-252C	4W	No	S3	IA-09	E201316071	9/20/2013	587183.1	729225.1	X	X	X	X	X
MW-253A	2E	Yes	S1	IA-07	E201403936	4/21/2014	587454.2	728923.7	X	X	X	X	X
MW-253B	3E	No	S2	IA-07	E201316269	9/30/2013	587463.7	728966.5	X	X	X	X	X
MW-253C	3E	No	S3	IA-07	E201316270	9/25/2013	587456.6	728954.7	X	X	X	X	X
MW-254A	OVB	Yes	S1	IA-01	E201314612	10/21/2013	586927.3	730127.2	X	X	X	X	X
MW-254B	2W	Yes	S1	IA-01	E201314609	10/16/2013	586929.2	730119.7	X	X	X	X	X
MW-255A	OVB	Yes	S1	IA-01	E201314613	10/21/2013	586923.3	729951.9	X	X	X	X	X
MW-255B	2W	Yes	S1	IA-01	E201314610	10/21/2013	586927.3	729945.1	X	X	X	X	X
MW-256A	OVB	Yes	S1	IA-01	E201314614	10/22/2013	587027.6	729903.1	X	X	X	X	X
MW-256B	2W	Yes	S1	IA-01	E201314611	10/16/2013	587020.4	729907.9	X	X	X	X	X
MW-257A	4E	Yes	S1	Offsite	E201316278	10/16/2013	587160.1	727293.4	X	X	X	X	X
MW-257B	4E	No	S2	Offsite	E201316279	10/2/2013	587166.7	727291.4	X	X	X	X	X
MW-258B	5E	No	S2	Offsite	E201315392	10/29/2013	587280.1	726060.1	X	X	X	X	X
MW-258C	5E	No	S3	Offsite	E201314458	10/29/2013	587287.2	726067.9	X	X	X	X	X
MW-259A	OVB	Yes	S1	IA-10	E201315227	10/17/2013	586239.9	729874.1	X	X	X	X	X
MW-259B	1W	No	S2	IA-10	E201318463	12/18/2013	586246.7	729860.1	X	X	X	X	X
MW-259C	2W	No	S3	IA-10	E201315587	1/15/2014	586236.7	729859.0	X	X	X	X	X
MW-25C	4E	No	S3	IA-11	E201307248	6/4/2013	587134.8	728393.9	X	X	X	X	X
MW-26	3E	No	S2	IA-11	2600036934	5/25/1994	587125.2	728384.7	X	X	X	X	X
MW-260C	4E	No	S2	IA-03	E201310429	9/20/2013	588578.3	728709.4	X	X	X	X	X
MW-260-S3	5E	No	S3	IA-03	E201403642	4/18/2014	588555.8	728737.5	X	X	X	X	X
MW-262A	4W	Yes	S1	IA-09	E201316882	11/15/2013	587417.8	729372.6	X	X	X	X	X
MW-263B	2W	No	S2	IA-12	E201317369	11/21/2013	587924.0	729822.5	X	X	X	X	X
MW-264B	3W	No	S2	IA-06	E201318584	12/13/2013	586995.6	729183.4	X	X	X	X	X
MW-264C	4W	No	S3	IA-06	E201318585	12/10/2013	587001.3	729185.1	X	X	X	X	X
MW-265B	4W	No	S2	IA-12	E201318473	1/10/2014	587679.7	729994.0	X	X	X	X	X
MW-265C	4W	No	S3	IA-12	E201403229	4/15/2014	587665.6	730002.1	X	X	X	X	X
MW-266A	1W	Yes	S1	IA-12	E201318470	12/31/2013	586765.4	730470.2	X	X	X	X	X
MW-266B	2W	No	S2	IA-12	E201318471	12/27/2013	586763.8	730461.0	X	X	X	X	X
MW-266C	2W	No	S3	IA-12	E201318472	12/27/2013	586771.3	730459.4	X	X	X	X	X
MW-267A	1W	Yes	S1	Private Road	E201400817	12/20/2013	585617.3	730443.2	X	X	X	X	X
MW-267B	1W	No	S2	Private Road	E201318590	1/13/2014	585661.4	730413.3	X	X	X	X	X
MW-267C	2W	No	S3	Private Road	E201318591	1/8/2014	585649.2	730421.7	X	X	X	X	X
MW-268B	1W	No	S2	IA-10	E201318649	12/16/2013	586238.2	729992.6	X	X	X	X	X
MW-268C	1W	No	S3	IA-10	E201318664	1/15/2014	586244.4	730001.0	X	X	X	X	X
MW-269A	4E	Yes	S1	IA-07	E201401593	4/3/2014	588163.3	728226.0	X	X	X	X	X
MW-269C	5E	No	S3	IA-07	E201401594	4/7/2014	588157.6	728220.5	X	X	X	X	X
MW-26A	3E	No	S2	IA-11	2600043994	3/21/1996	587122.6	728387.0	X	X	X	X	X
MW-27	1W	Yes	S1	IA-10	2600051886	10/1/1998	586461.5	729512.2	X	X	X	X	X
MW-270A	4E	Yes	S1	IA-07	E201401596	3/26/2014	588348.5	728502.6	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-270C	5E	No	S3	IA-07	E201401597	3/28/2014	588341.1	728489.2	X	X	X	X	X
MW-271A	3E	Yes	S1	IA-12	E201404694	5/6/2014	588622.5	729418.0	X	X	X	X	X
MW-271B	4E	No	S2	IA-12	E201404618	5/6/2014	588609.8	729420.1	X	X	X	X	X
MW-271C	4E	No	S3	IA-12	E201404615	5/5/2014	588618.4	729404.8	X	X	X	X	X
MW-272A	2E	Yes	S1	IA-12	E201401599	2/25/2014	588327.0	729602.1	X	X	X	X	X
MW-272B	3E	No	S2	IA-12	E201401600	3/21/2014	588317.2	729608.1	X	X	X	X	X
MW-272C	3E	No	S3	IA-12	E201401601	3/21/2014	588317.2	729597.2	X	X	X	X	X
MW-273B	1W	No	S2	IA-10	E201401462	2/11/2014	586351.6	730565.1	X	X	X	X	X
MW-273C	1W	No	S3	IA-10	E201401463	2/18/2014	586357.6	730554.6	X	X	X	X	X
MW-274A	OVB	Yes	S1	IA-10	E201404620	2/24/2014	585896.9	730012.7	X	X	X	X	X
MW-274B	1W	No	S2	IA-10	E201404621	4/28/2014	585902.8	730023.7	X	X	X	X	X
MW-274C	1W	No	S3	IA-10	E201404622	4/29/2014	585909.7	730034.5	X	X	X	X	X
MW-275A	OVB	Yes	S1	IA-10	E201405042	5/2/2014	586682.0	728549.5	X	X	X	X	X
MW-275B	3W	No	S2	IA-10	E201405043	5/6/2014	586671.4	728554.8	X	X	X	X	X
MW-275C	4W	No	S3	IA-10	E201405044	5/1/2014	586659.1	728559.1	X	X	X	X	X
MW-276A	4E	Yes	S1	IA-13	E201403620	4/3/2014	587900.3	727544.7	X	X	X	X	X
MW-276B	5E	No	S2	IA-13	E201403621	4/8/2014	587896.9	727533.1	X	X	X	X	X
MW-276C	5E	No	S3	IA-13	E201403622	4/16/2014	587892.6	727522.0	X	X	X	X	X
MW-277A	OVB	Yes	S1	IA-14	E201403625	4/24/2014	588433.7	727218.7	X	X	X	X	X
MW-277B	5E	No	S2	IA-14	E201403626	4/25/2014	588428.9	727211.4	X	X	X	X	X
MW-277C	5E	No	S3	IA-14	E201403716	5/5/2014	588420.2	727206.0	X	X	X	X	X
MW-278A	OVB	Yes	S1	IA-15	E201404150	4/15/2014	587608.4	727108.3	X	X	X	X	X
MW-278B	5E	No	S2	IA-15	E201404154	4/21/2014	587616.2	727091.7	X	X	X	X	X
MW-27B	2W	No	S2	IA-10	E201409380	7/29/2014	586443.9	729515.0	X	X	X	X	X
MW-27C	2W	No	S3	IA-10	E201409381	7/31/2014	586449.7	729502.5	X	X	X	X	X
MW-28	1W	Yes	S1	IA-10	2600051887	10/1/1998	586448.0	729455.0	X	X	X	X	X
MW-280A	OVB	Yes	S1	IA-10	E201403605	4/9/2014	586279.7	730396.4	X	X	X	X	X
MW-280B	1W	No	S2	IA-10	E201403606	4/16/2014	586274.7	730386.4	X	X	X	X	X
MW-280C	1W	No	S3	IA-10	E201403607	4/17/2014	586270.1	730376.9	X	X	X	X	X
MW-281A	OVB	Yes	S1	IA-10	E201401090	1/29/2014	586208.2	729895.1	X	X	X	X	X
MW-282A	OVB	Yes	S1	IA-10	E201401091	1/27/2014	586230.4	729927.2	X	X	X	X	X
MW-283A	OVB	Yes	S1	IA-10	E201401092	1/27/2014	586261.9	729903.0	X	X	X	X	X
MW-284A	OVB	Yes	S1	IA-10	E201401093	1/27/2014	586293.4	729882.5	X	X	X	X	X
MW-285A	OVB	Yes	S1	IA-10	E201401094	1/28/2014	586271.6	729850.2	X	X	X	X	X
MW-286A	OVB	Yes	S1	IA-10	E201401095	1/28/2014	586249.3	729818.7	X	X	X	X	X
MW-287A	OVB	Yes	S1	IA-10	E201401096	1/28/2014	586216.2	729842.1	X	X	X	X	X
MW-287AR	OVB	Yes	S1	IA-10	E201902995	N/A	586216.4	729843.3	X				
MW-288A	2E	Yes	S1	IA-07	E201403943	4/15/2014	587459.1	728610.0	X	X	X	X	X
MW-288B	2E	No	S2	IA-07	E201403944	4/15/2014	587466.6	728623.0	X	X	X	X	X
MW-289A	OVB	Yes	S1	IA-07	E201403937	4/16/2014	587343.2	728549.5	X	X	X	X	X
MW-29	OVB	Yes	S1	IA-10	2600053982	5/4/1999	586437.9	730566.1	X	X	X	X	X
MW-290A	OVB	Yes	S1	IA-07	E201403938	4/16/2014	587312.6	728496.3	X	X	X	X	X
MW-291A	3E	Yes	S1	IA-07	E201403939	4/18/2014	587432.2	728468.2	X	X	X	X	X
MW-292A	2E	Yes	S1	IA-07	E201403940	4/14/2014	587347.7	728434.4	X	X	X	X	X
MW-292B	3E	No	S2	IA-07	E201403941	4/14/2014	587339.2	728420.9	X	X	X	X	X
MW-293A	2E	Yes	S1	IA-07	E201403934	4/21/2014	587609.2	728999.5	X	X	X	X	X
MW-294A	2E	Yes	S1	IA-12	E201404288	4/18/2014	587975.6	729755.6	X	X	X	X	X
MW-294C	3E	No	S3	IA-12	E201511977	10/9/2015	587933.9	729748.3	X	X	X	X	X
MW-295A	2E	Yes	S1	IA-12	E201404289	4/17/2014	587944.9	729711.1	X	X	X	X	X
MW-295B	2E	No	S2	IA-12	E201404291	4/17/2014	587945.8	729704.6	X	X	X	X	X
MW-295C	3E	No	S3	IA-12	E201511978	10/13/2015	587940.4	729709.5	X	X	X	X	X
MW-296A	2E	Yes	S1	IA-12	E201404290	4/23/2014	587892.5	729655.0	X	X	X	X	X
MW-297B	4W	No	S2	IA-09	E201405301	5/8/2014	587360.3	729437.0	X	X	X	X	X
MW-298B	4W	No	S2	IA-09	E201405302	5/6/2014	587393.4	729416.5	X	X	X	X	X
MW-299B	4W	No	S2	IA-09	E201405305	4/28/2014	587379.0	729380.2	X	X	X	X	X
MW-2B	3W	No	S2	IA-04	E201501289	4/14/2015	587109.0	729740.1	X	X	X	X	X
MW-2C	4W	No	S3	IA-04	E201501290	4/14/2015	587115.8	729735.7	X	X	X	X	X
MW-3	3E	No	S2	IA-12	2600011829	10/28/1987	588532.0	728954.2	X	X	X	X	X
MW-30B	OVB	Yes	S1	IA-10	2600053315	5/5/1999	586547.5	729787.2	X	X	X	X	X
MW-300B	4W	No	S2	IA-09	E201405306	4/30/2014	587465.2	729342.3	X	X	X	X	X
MW-301C	4E	No	S3	IA-11	E201405946	5/30/2014	587247.2	728055.0	X	X	X	X	X
MW-302C	4E	No	S3	IA-11	E201407274	7/2/2014	587542.7	728022.5	X	X	X	X	X
MW-303C	4E	No	S3	IA-11	E201407275	6/9/2014	587400.6	727914.6	X	X	X	X	X
MW-304A	4E	Yes	S1	Offsite	E201510844	9/14/2015	587206.2	727725.7	X	X	X	X	X
MW-304B	4E	No	S2	Offsite	E201510845	9/15/2015	587211.9	727718.8	X	X	X	X	X

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Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-304C	5E	No	S3	Offsite	E201510846	9/18/2015	587212.9	727739.8	X	X	X	X	X
MW-305B	3W	No	S2	IA-02	E201405519	5/29/2014	587123.8	729443.3	X	X	X	X	X
MW-306B	3W	No	S2	IA-02	E201405520	5/29/2014	587058.2	729502.0	X	X	X	X	X
MW-307B	3W	No	S2	IA-02	E201405593	5/22/2014	587022.0	729406.8	X	X	X	X	X
MW-308B	3W	No	S2	IA-02	E201405521	5/22/2014	587120.6	729314.6	X	X	X	X	X
MW-309A	OVB	Yes	S1	IA-02	E201405594	5/13/2014	587146.0	729288.7	X	X	X	X	X
MW-31	OVB	Yes	S1	IA-10	2600053316	5/5/1999	586509.5	729566.8	X	X	X	X	X
MW-310A	OVB	Yes	S1	IA-02	E201405522	5/29/2014	587099.2	729300.3	X	X	X	X	X
MW-311C	4W	No	S3	IA-02	E201405523	5/20/2014	587096.9	729438.7	X	X	X	X	X
MW-312B	3W	No	S2	IA-02	E201405524	5/23/2014	587132.9	729461.0	X	X	X	X	X
MW-313B	3W	No	S2	IA-02	E201405525	5/27/2014	587067.7	729449.3	X	X	X	X	X
MW-314B	3W	No	S2	IA-02	E201405595	5/19/2014	587004.6	729417.0	X	X	X	X	X
MW-315B	3W	No	S2	IA-02	E201405526	5/23/2014	587146.5	729479.7	X	X	X	X	X
MW-316B	3W	No	S2	IA-02	E201405596	5/21/2014	586985.1	729433.8	X	X	X	X	X
MW-317A	OVB	Yes	S1	IA-06	E201405749	5/16/2014	586759.6	729071.7	X	X	X	X	X
MW-317B	3W	No	S2	IA-06	E201405732	6/17/2014	586749.6	729070.6	X	X	X	X	X
MW-317C	3W	No	S3	IA-06	E201405733	6/17/2014	586753.4	729079.9	X	X	X	X	X
MW-318A	2W	Yes	S1	IA-06	E201405750	5/30/2014	586818.3	729178.4	X	X	X	X	X
MW-318B	3W	No	S2	IA-06	E201507689	8/5/2015	586813.6	729181.6	X	X	X	X	X
MW-319B	3W	No	S2	IA-10	E201405730	6/19/2014	586641.9	728858.0	X	X	X	X	X
MW-319C	3W	No	S3	IA-10	E201405731	6/19/2014	586633.6	728862.7	X	X	X	X	X
MW-32	OVB	Yes	S1	IA-10	2600053317	5/6/1999	586228.0	729760.0	X	X	X	X	X
MW-320C	4W	No	S3	IA-06	E201405734	6/16/2014	586808.4	728727.7	X	X	X	X	X
MW-321A	3W	Yes	S1	IA-06	E201405565	5/27/2014	586879.1	729070.0	X	X	X	X	X
MW-321B	3W	No	S2	IA-06	E201509975	9/10/2015	586873.6	729069.4	X	X	X	X	X
MW-321C	3W	No	S3	IA-06	E201511672	9/25/2015	586868.7	729071.9	X	X	X	X	X
MW-322A	OVB	Yes	S1	IA-06	E201405751	5/30/2014	586973.2	729123.1	X	X	X	X	X
MW-323A	OVB	Yes	S1	IA-09	E201405816	6/9/2014	586916.4	728893.9	X	X	X	X	X
MW-323B	4W	No	S2	IA-09	E201405735	6/17/2014	586919.8	728899.5	X	X	X	X	X
MW-323C	4W	No	S3	IA-09	E201405736	6/17/2014	586924.2	728905.5	X	X	X	X	X
MW-324B	3E	No	S2	IA-11	E201406425	6/12/2014	587241.0	728219.7	X	X	X	X	X
MW-325B	3E	No	S2	IA-11	E201407241	6/11/2014	587222.2	728202.8	X	X	X	X	X
MW-326B	3E	No	S2	IA-11	E201407909	6/20/2014	587214.9	728184.4	X	X	X	X	X
MW-327B	3E	No	S2	IA-11	E201409081	7/17/2014	587273.1	728157.3	X	X	X	X	X
MW-329C	4E	No	S3	IA-11	E201408365	7/3/2014	587241.9	728155.8	X	X	X	X	X
MW-33	OVB	Yes	S1	IA-11	2600056730	3/8/2000	587198.4	728032.9	X	X	X	X	X
MW-330C	4E	No	S3	IA-11	E201408366	7/1/2014	587212.7	728150.6	X	X	X	X	X
MW-331C	4E	No	S3	IA-11	E201408210	7/18/2014	587164.7	728160.8	X	X	X	X	X
MW-332B	3E	No	S2	IA-11	E201501507	3/9/2015	587219.1	728132.0	X	X	X	X	X
MW-332C	4E	No	S3	IA-11	E201407382	6/16/2014	587222.9	728124.1	X	X	X	X	X
MW-333C	4E	No	S3	IA-11	E201407156	6/20/2014	587187.4	728088.7	X	X	X	X	X
MW-334B	4E	No	S2	IA-15	E201406106	6/12/2014	587458.6	727550.1	X	X	X	X	X
MW-335A	OVB	Yes	S1	IA-15	E201411514	9/5/2014	587505.2	727458.4	X	X	X	X	X
MW-335B	4E	No	S2	IA-15	E201406107	5/30/2014	587508.7	727454.3	X	X	X	X	X
MW-336B	4E	No	S2	IA-15	E201406108	5/27/2014	587560.3	727413.5	X	X	X	X	X
MW-336C	5E	No	S3	IA-15	E201406773	6/6/2014	587565.6	727408.3	X	X	X	X	X
MW-337B	4E	No	S2	IA-15	E201406109	6/19/2014	587400.4	727495.9	X	X	X	X	X
MW-337C	5E	No	S3	IA-15	E201413488	1/13/2015	587406.4	727484.1	X	X	X	X	X
MW-338A	4E	Yes	S1	Offsite	E201511404	9/21/2015	587285.8	727564.3	X	X	X	X	X
MW-338B	4E	No	S2	Offsite	E201511061	9/22/2015	587278.9	727557.3	X	X	X	X	X
MW-338C	5E	No	S3	Offsite	E201511062	9/23/2015	587276.6	727563.7	X	X	X	X	X
MW-339A	4E	Yes	S1	Offsite	E201511051	9/18/2015	587346.1	727441.9	X	X	X	X	X
MW-339B	4E	No	S2	Offsite	E201511052	9/18/2015	587337.9	727443.0	X	X	X	X	X
MW-339C	5E	No	S3	Offsite	E201511053	9/22/2015	587343.0	727451.8	X	X	X	X	X
MW-33A	OVB	Yes	S1	IA-11	E201315953	11/12/2013	587193.0	728032.1	X	X	X	X	X
MW-33B	3E	Yes	S1	IA-11	E201315952	11/13/2013	587194.6	728028.8	X	X	X	X	X
MW-34	3E	Yes	S1	IA-03	2600053357	4/30/1999	588359.9	728965.5	X	X	X	X	X
MW-340A	4E	Yes	S1	Offsite	E201510847	9/21/2015	587402.2	727336.7	X	X	X	X	X
MW-340B	5E	No	S2	Offsite	E201510848	9/22/2015	587406.2	727328.4	X	X	X	X	X
MW-340C	5E	No	S3	Offsite	E201510849	9/23/2015	587396.2	727328.5	X	X	X	X	X
MW-341A	OVB	Yes	S1	IA-02	E201603927	4/12/2016	587083.0	729357.8	X	X	X	X	X
MW-342A	OVB	Yes	S1	IA-02	E201603928	4/13/2016	587101.4	729378.0	X	X	X	X	X
MW-343A	OVB	Yes	S1	IA-02	E201603929	4/13/2016	587063.2	729379.5	X	X	X	X	X
MW-344C	4E	No	S3	IA-11	E201407650	6/21/2014	587227.3	728150.3	X	X	X	X	X
MW-345C	4E	No	S3	IA-11	E201406559	6/9/2014	587235.2	728089.1	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-346A	OVB	Yes	S1	IA-06	E201406944	6/12/2014	586825.6	729242.2	X	X	X	X	X
MW-346B	3W	No	S2	IA-06	E201406946	6/19/2014	586844.3	729238.9	X	X	X	X	X
MW-346C	3W	No	S3	IA-06	E201406947	6/19/2014	586843.4	729250.3	X	X	X	X	X
MW-347B	3W	No	S2	IA-10	E201407735	6/24/2014	586519.8	728894.0	X	X	X	X	X
MW-347C	3W	No	S3	IA-10	E201407736	6/25/2014	586524.0	728905.2	X	X	X	X	X
MW-348B	3W	No	S2	IA-10	E201407806	6/27/2014	586485.8	728818.8	X	X	X	X	X
MW-348C	3W	No	S3	IA-10	E201407807	6/27/2014	586493.6	728811.9	X	X	X	X	X
MW-349B	3W	No	S2	IA-10	E201408235	7/8/2014	586629.3	728709.4	X	X	X	X	X
MW-349C	4W	No	S3	IA-10	E201408236	7/9/2014	586625.1	728703.5	X	X	X	X	X
MW-35	3E	Yes	S1	IA-03	2600053353	4/30/1999	588200.1	728946.2	X	X	X	X	X
MW-350A	2W	Yes	S1	IA-06	E201408745	7/14/2014	586829.2	729308.9	X	X	X	X	X
MW-350B	3W	No	S2	IA-06	E201408746	7/18/2014	586828.6	729315.3	X	X	X	X	X
MW-350C	3W	No	S3	IA-06	E201408747	7/18/2014	586823.4	729301.9	X	X	X	X	X
MW-351B	4W	No	S2	IA-04	E201409430	8/1/2014	587476.4	729467.2	X	X	X	X	X
MW-351C	4W	No	S3	IA-04	E201409431	8/1/2014	587469.9	729456.4	X	X	X	X	X
MW-352A	OVB	Yes	S1	IA-15	E201411515	9/5/2014	587477.9	727374.9	X	X	X	X	X
MW-353A	3E	Yes	S1	Offsite	E201501296	3/16/2015	588636.6	729618.1	X	X	X	X	X
MW-353B	3E	No	S2	Offsite	E201501297	3/15/2015	588639.7	729614.4	X	X	X	X	X
MW-353C	4E	No	S3	Offsite	E201501299	3/15/2015	588642.2	729615.5	X	X	X	X	X
MW-354A	2W	Yes	S1	IA-04	E201409763	8/4/2014	587161.4	729935.2	X	X	X	X	X
MW-355A	2W	Yes	S1	IA-04	E201409764	8/4/2014	587110.9	729873.1	X	X	X	X	X
MW-356A	2W	Yes	S1	IA-01	E201409765	8/4/2014	587106.2	729909.1	X	X	X	X	X
MW-357A	2W	Yes	S1	IA-01	E201409766	8/4/2014	587128.4	729942.4	X	X	X	X	X
MW-357-S2	3W	No	S2	IA-01	E201413443	10/27/2014	587124.8	729938.2	X	X	X	X	X
MW-357-S3	3W	No	S3	IA-01	E201414559	11/12/2014	587123.6	729925.4	X	X	X	X	X
MW-357-SBR	2W	Yes	S1	IA-01	E201416449	1/6/2015	587131.4	729941.5	X	X	X	X	X
MW-358A	2E	Yes	S1	IA-12	E201410372	8/20/2014	587828.9	729688.6	X	X	X	X	X
MW-358B	2E	No	S2	IA-12	E201410376	8/20/2014	587828.9	729688.3	X	X	X	X	X
MW-359A	2E	Yes	S1	IA-12	E201410373	8/20/2014	587832.4	729697.3	X	X	X	X	X
MW-359B	2E	No	S2	IA-12	E201410377	8/20/2014	587832.3	729697.5	X	X	X	X	X
MW-36	3E	Yes	S1	IA-07	2600053359	5/3/1999	588216.2	728776.3	X	X	X	X	X
MW-360A	2E	Yes	S1	IA-12	E201410374	8/26/2014	587813.0	729718.6	X	X	X	X	X
MW-360B	2E	No	S2	IA-12	E201410378	8/28/2014	587812.8	729718.9	X	X	X	X	X
MW-361A	2E	Yes	S1	IA-12	E201411069	9/3/2014	587845.6	729722.2	X	X	X	X	X
MW-361B	2E	No	S2	IA-12	E201411070	9/3/2014	587845.5	729722.0	X	X	X	X	X
MW-362A	2E	Yes	S1	IA-12	E201411075	8/25/2014	587857.9	729725.7	X	X	X	X	X
MW-362B	2E	No	S2	IA-12	E201411076	8/25/2014	587858.0	729725.4	X	X	X	X	X
MW-363A	2E	Yes	S1	IA-12	E201411660	9/10/2014	587853.9	729712.2	X	X	X	X	X
MW-363B	2E	No	S2	IA-12	E201411661	9/9/2014	587854.2	729712.1	X	X	X	X	X
MW-363C	2E	No	S3	IA-12	E201411702	9/19/2014	587849.7	729710.2	X	X	X	X	X
MW-364A	2E	Yes	S1	IA-12	E201410700	9/10/2014	587880.1	729680.5	X	X	X	X	X
MW-364B	2E	No	S2	IA-12	E201410701	9/10/2014	587879.9	729680.7	X	X	X	X	X
MW-364C	2E	No	S3	IA-12	E201410519	8/22/2014	587884.3	729678.2	X	X	X	X	X
MW-365A	2E	Yes	S1	IA-12	E201410702	9/10/2014	587883.9	729667.7	X	X	X	X	X
MW-365B	2E	No	S2	IA-12	E201410703	9/10/2014	587883.7	729667.8	X	X	X	X	X
MW-366A	4E	Yes	S1	IA-11	E201412401	9/26/2014	587370.5	727734.5	X	X	X	X	X
MW-366B	4E	No	S2	IA-11	E201412402	9/30/2014	587370.3	727747.0	X	X	X	X	X
MW-366C	5E	No	S3	IA-11	E201413313	10/16/2014	587380.6	727748.0	X	X	X	X	X
MW-367A	OVB	Yes	S1	IA-15	E201412399	9/24/2014	587381.4	727530.2	X	X	X	X	X
MW-367B	4E	No	S2	IA-15	E201412400	9/24/2014	587388.3	727527.0	X	X	X	X	X
MW-367C	5E	No	S3	IA-15	E201413489	1/9/2015	587385.6	727532.3	X	X	X	X	X
MW-367-S2	4E	No	S2	IA-15	E201501815	3/10/2015	587377.9	727544.4	X	X	X	X	X
MW-367-S3	5E	No	S3	IA-15	E201501816	3/12/2015	587374.5	727552.6	X	X	X	X	X
MW-368A	2W	Yes	S1	IA-01	E201413444	11/10/2014	587068.8	729959.8	X	X	X	X	X
MW-369A	2W	Yes	S1	IA-01	E201413445	11/4/2014	587109.8	730002.7	X	X	X	X	X
MW-369-SBR	2W	Yes	S1	IA-01	E201416450	12/23/2014	587115.4	730013.4	X	X	X	X	X
MW-37	2E	Yes	S1	IA-03	2600053360	4/28/1999	588192.4	729148.8	X	X	X	X	X
MW-370A	2W	Yes	S1	IA-01	E201413446	11/6/2014	587164.6	729996.9	X	X	X	X	X
MW-371A	2W	Yes	S1	IA-04	E201413447	11/12/2014	587203.2	729908.1	X	X	X	X	X
MW-371B	3W	No	S2	IA-04	E201501460	3/26/2015	587219.2	729912.8	X	X	X	X	X
MW-371C	4W	No	S3	IA-04	E201501462	3/23/2015	587214.3	729903.9	X	X	X	X	X
MW-372A	2W	Yes	S1	IA-01	E201415852	1/15/2015	587142.8	730043.1	X	X	X	X	X
MW-373A	4E	Yes	S1	IA-07	E201504143	5/18/2015	587760.3	728106.4	X	X	X	X	X
MW-373B	4E	No	S2	IA-07	E201502842	12/16/2014	587757.3	728110.6	X	X	X	X	X
MW-373C	5E	No	S3	IA-07	E201502843	12/16/2014	587751.1	728113.2	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-374B	4E	No	S2	IA-07	E201502844	12/16/2014	587811.7	728085.0	X	X	X	X	X
MW-374C	5E	No	S3	IA-07	E201502845	12/16/2014	587814.4	728079.5	X	X	X	X	X
MW-375A	2E	Yes	S1	IA-12	E201414287	12/5/2014	588450.6	729520.3	X	X	X	X	X
MW-375B	3E	No	S2	IA-12	E201414288	11/21/2014	588465.3	729510.8	X	X	X	X	X
MW-375C	4E	No	S3	IA-12	E201414289	1/22/2015	588473.5	729505.9	X	X	X	X	X
MW-376B	3E	No	S2	IA-12	E201414290	11/14/2014	588446.8	729085.7	X	X	X	X	X
MW-376C	4E	No	S3	IA-12	E201414291	11/25/2014	588440.9	729090.6	X	X	X	X	X
MW-376-S3	4E	No	S3	IA-12	E201506505	7/13/2015	588440.7	729106.1	X	X	X	X	X
MW-377B	4E	No	S2	IA-07	E201500786	11/13/2014	588132.9	728812.1	X	X	X	X	X
MW-377C	4E	No	S3	IA-07	E201500787	12/16/2014	588135.4	728816.5	X	X	X	X	X
MW-378B	4E	No	S2	IA-07	E201500788	12/2/2014	588232.9	728746.6	X	X	X	X	X
MW-378C	4E	No	S3	IA-07	E201500789	12/2/2014	588234.5	728754.1	X	X	X	X	X
MW-379A	2E	Yes	S1	IA-12	E201415538	12/2/2014	587941.5	729777.7	X	X	X	X	X
MW-38	OVB	Yes	S1	IA-03	2600053361	4/20/1999	587990.5	728907.5	X	X	X	X	X
MW-380A	2W	Yes	S1	IA-12	E201415539	12/2/2014	587909.7	729765.6	X	X	X	X	X
MW-381A	2W	Yes	S1	IA-12	E201415540	12/4/2014	587891.7	729757.0	X	X	X	X	X
MW-382B	2W	No	S2	IA-12	E201415560	12/5/2014	587924.4	729788.3	X	X	X	X	X
MW-383A	2W	Yes	S1	IA-12	E201415541	12/2/2014	587939.1	729799.2	X	X	X	X	X
MW-384A	2W	Yes	S1	IA-01	E201414482	11/4/2014	586908.6	730150.6	X	X	X	X	X
MW-385A	OVB	Yes	S1	IA-01	E201414483	11/4/2014	586926.3	730094.8	X	X	X	X	X
MW-386A	OVB	Yes	S1	IA-01	E201414484	11/3/2014	586890.1	730068.0	X	X	X	X	X
MW-387A	2W	Yes	S1	IA-01	E201416303	2/6/2015	587093.2	730147.3	X	X	X	X	X
MW-387B	2W	No	S2	IA-01	E201416042	1/28/2015	587095.7	730141.4	X	X	X	X	X
MW-387C	4W	No	S3	IA-01	E201415880	2/5/2015	587088.0	730146.2	X	X	X	X	X
MW-388A	2W	Yes	S1	IA-01	E201416304	2/10/2015	587188.0	730087.4	X	X	X	X	X
MW-388B	3W	No	S2	IA-01	E201416043	2/26/2015	587196.8	730081.8	X	X	X	X	X
MW-389A	2W	Yes	S1	IA-01	E201415853	1/12/2015	587078.2	730072.5	X	X	X	X	X
MW-390A	2W	Yes	S1	IA-01	E201415869	2/17/2015	587010.5	730001.4	X	X	X	X	X
MW-390B	2W	No	S2	IA-01	E201415870	2/12/2015	587007.6	729996.9	X	X	X	X	X
MW-39-1	3W	Yes	S1	IA-04	2600032778	3/26/1993	587474.9	729782.6	X	X	X	X	X
MW-391A	2W	Yes	S1	IA-01	E201415871	2/9/2015	586827.8	729870.9	X	X	X	X	X
MW-391C	3W	No	S3	IA-01	E201415873	1/26/2015	586821.0	729860.3	X	X	X	X	X
MW-391-S3	3W	No	S3	IA-01	E201415872	2/5/2015	586824.5	729865.6	X	X	X	X	X
MW-39-2	3W	Yes	S1	IA-04	2600032777	3/26/1993	587478.5	729721.4	X	X	X	X	X
MW-392A	2W	Yes	S1	IA-01	E201415906	1/28/2015	586931.0	729833.4	X	X	X	X	X
MW-39-2A	3W	Yes	S1	IA-04	E201117406	11/16/2011	587474.7	729728.3	X	X	X	X	X
MW-392B	3W	No	S2	IA-01	E201415905	2/3/2015	586920.4	729819.5	X	X	X	X	X
MW-392C	4W	No	S3	IA-01	E201415904	1/30/2015	586917.3	729814.6	X	X	X	X	X
MW-393A	2W	Yes	S1	IA-01	E201415865	1/7/2015	587013.2	729783.4	X	X	X	X	X
MW-393B	3W	No	S2	IA-01	E201415863	1/9/2015	587013.3	729775.9	X	X	X	X	X
MW-393C	4W	No	S3	IA-01	E201415859	1/23/2015	587007.2	729780.3	X	X	X	X	X
MW-394B	2W	No	S2	IA-01	E201415864	1/15/2015	586880.1	730158.1	X	X	X	X	X
MW-394C	3W	No	S3	IA-01	E201415860	2/10/2015	586878.1	730153.2	X	X	X	X	X
MW-395A	2W	Yes	S1	IA-06	E201415839	12/11/2014	586755.1	729315.1	X	X	X	X	X
MW-396A	2W	Yes	S1	IA-06	E201415840	12/11/2014	586742.8	729198.3	X	X	X	X	X
MW-397A	2W	Yes	S1	IA-06	E201415842	12/14/2014	586787.4	729087.0	X	X	X	X	X
MW-398A	3W	Yes	S1	IA-06	E201415841	12/24/2014	586905.2	729197.5	X	X	X	X	X
MW-399A	2E	Yes	S1	IA-07	E201416612	2/11/2015	587381.7	728482.3	X	X	X	X	X
MW-399S	OVB	Yes	S1	IA-07	E201416631	1/19/2015	587377.5	728478.5	X	X	X	X	X
MW-39	2E	Yes	S1	IA-03	2600053362	5/13/1999	587950.4	728930.0					
MW-39A	3E	Yes	S1	IA-03	2600060828	4/11/2001	587991.3	728901.8	X	X	X	X	X
MW-3C	5E	No	S3	IA-12	E201403601	4/29/2014	588571.0	728967.4	X	X	X	X	X
MW-4	ND	ND	S1	IA-01	2600011830	11/3/1988	586682.0	729890.0	X	X	X	X	X
MW-40	3E	No	S2	IA-03	2600053363	4/16/1999	587944.4	728919.2					
MW-400A	2E	Yes	S1	IA-07	E201416613	1/28/2015	587395.1	728475.2	X	X	X	X	X
MW-401A	2E	Yes	S1	IA-07	E201416614	2/4/2015	587398.4	728486.7	X	X	X	X	X
MW-401S	OVB	Yes	S1	IA-07	E201416632	1/21/2015	587392.6	728481.9	X	X	X	X	X
MW-402A	2E	Yes	S1	IA-07	E201416615	1/28/2015	587366.2	728465.2	X	X	X	X	X
MW-402S	OVB	Yes	S1	IA-07	E201416633	12/30/2014	587369.2	728461.4	X	X	X	X	X
MW-403A	2E	Yes	S1	IA-07	E201416616	1/29/2015	587360.2	728457.2	X	X	X	X	X
MW-403S	OVB	Yes	S1	IA-07	E201416634	1/21/2015	587363.1	728452.8	X	X	X	X	X
MW-404A	2E	Yes	S1	IA-07	E201416617	1/21/2015	587359.8	728511.5	X	X	X	X	X
MW-405A	2E	Yes	S1	IA-07	E201416618	1/29/2015	587398.0	728517.5	X	X	X	X	X
MW-406A	2E	Yes	S1	IA-07	E201416619	1/30/2015	587414.7	728522.9	X	X	X	X	X
MW-406B	2E	No	S2	IA-07	E201416593	12/30/2014	587403.9	728526.8	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-406S	OVB	Yes	S1	IA-07	E201416635	12/30/2014	587417.9	728519.2	X	X	X	X	X
MW-407A	2E	Yes	S1	IA-07	E201416620	1/21/2015	587394.5	728530.5	X	X	X	X	X
MW-407S	OVB	Yes	S1	IA-07	E201416636	12/29/2014	587391.1	728534.4	X	X	X	X	X
MW-408A	2E	Yes	S1	IA-07	E201416621	1/20/2015	587417.9	728541.6	X	X	X	X	X
MW-408S	OVB	Yes	S1	IA-07	E201416637	12/29/2014	587414.9	728544.9	X	X	X	X	X
MW-409A	2E	Yes	S1	IA-07	E201416622	1/20/2015	587396.2	728559.0	X	X	X	X	X
MW-40A	3E	No	S2	IA-03	2600060829	4/11/2001	587980.3	728897.1	X	X	X	X	X
MW-41	3E	No	S2	IA-03	2600053364	4/30/1999	587974.0	728897.4	X	X	X	X	X
MW-410A	2E	Yes	S1	IA-07	E201416623	1/6/2015	587436.4	728513.3	X	X	X	X	X
MW-411A	2E	Yes	S1	IA-07	E201416624	1/6/2015	587424.4	728824.3	X	X	X	X	X
MW-412A	2E	Yes	S1	IA-07	E201416628	12/31/2014	587667.1	728945.0	X	X	X	X	X
MW-413B	3E	No	S2	IA-11	E201501505	3/10/2015	587212.1	728245.7	X	X	X	X	X
MW-413BR	3E	No	S2	IA-11	E201701693	2/24/2017	587209.5	728229.8	X	X	X	X	X
MW-414B	3E	No	S2	IA-11	E201501506	3/6/2015	587269.9	728236.0	X	X	X	X	X
MW-415B	3E	No	S2	IA-11	E201501508	3/4/2015	587177.3	728190.2	X	X	X	X	X
MW-416A	2W	Yes	S1	IA-01	E201501198	3/13/2015	586759.1	729639.6	X	X	X	X	X
MW-416B	2W	No	S2	IA-01	E201501197	3/18/2015	586752.3	729637.8	X	X	X	X	X
MW-416C	3W	No	S3	IA-01	E201501192	3/19/2015	586759.2	729633.1	X	X	X	X	X
MW-417A	3E	Yes	S1	IA-07	E201501842	3/18/2015	587743.0	728199.9	X	X	X	X	X
MW-417B	4E	No	S2	IA-07	E201501841	3/17/2015	587738.8	728190.7	X	X	X	X	X
MW-417C	5E	No	S3	IA-07	E201501840	3/15/2015	587747.8	728186.7	X	X	X	X	X
MW-418B	3W	No	S2	IA-06	E201503956	5/12/2015	586947.6	729314.6	X	X	X	X	X
MW-419B	3W	No	S2	IA-06	E201503955	5/7/2015	586948.8	729253.5	X	X	X	X	X
MW-42	2E	Yes	S1	IA-07	2600053354	4/27/1999	587866.9	728836.0	X	X	X	X	X
MW-420B	3W	No	S2	IA-06	E201503958	5/7/2015	586926.4	729224.9	X	X	X	X	X
MW-420C	4W	No	S3	IA-06	E201503959	5/4/2015	586924.2	729220.9	X	X	X	X	X
MW-421B	3W	No	S2	IA-06	E201503936	5/20/2015	586998.1	729223.1	X	X	X	X	X
MW-421C	4W	No	S3	IA-06	E201503940	5/20/2015	587000.6	729226.9	X	X	X	X	X
MW-422B	3W	No	S2	IA-06	E201503939	5/28/2015	586979.0	729111.0	X	X	X	X	X
MW-422C	4W	No	S3	IA-06	E201503942	5/26/2015	587000.7	729097.6	X	X	X	X	X
MW-423A	OVB	Yes	S1	IA-06	E201503983	5/27/2015	587108.5	729244.9	X	X	X	X	X
MW-423B	4W	No	S2	IA-06	E201503984	5/28/2015	587105.9	729238.9	X	X	X	X	X
MW-424B	4W	No	S2	IA-06	E201503985	5/29/2015	587070.8	729178.0	X	X	X	X	X
MW-424C	4W	No	S3	IA-06	E201503986	5/29/2015	587071.5	729183.8	X	X	X	X	X
MW-425B	3E	No	S2	IA-11	E201503179	4/7/2015	587222.5	728226.2	X	X	X	X	X
MW-425-S2	3E	No	S2	IA-11	E201503879	5/1/2015	587221.0	728221.6	X	X	X	X	X
MW-426A	2W	Yes	S1	IA-04	E201502711	4/1/2015	587196.5	729952.7	X	X	X	X	X
MW-426B	3W	No	S2	IA-04	E201502714	4/1/2015	587207.1	729945.4	X	X	X	X	X
MW-427A	3W	Yes	S1	IA-04	E201502712	3/30/2015	587226.5	729900.6	X	X	X	X	X
MW-427B	3W	No	S2	IA-04	E201502715	3/31/2015	587233.3	729896.2	X	X	X	X	X
MW-428A	2W	Yes	S1	IA-04	E201502713	3/31/2015	587179.4	729871.1	X	X	X	X	X
MW-428B	3W	No	S2	IA-04	E201502716	3/31/2015	587181.1	729867.1	X	X	X	X	X
MW-428C	4W	No	S3	IA-04	E201502717	3/30/2015	587171.6	729871.0	X	X	X	X	X
MW-429C	5E	No	S3	IA-13	E201503452	4/16/2015	587410.7	727703.3	X	X	X	X	X
MW-43	1W	Yes	S1	IA-10	2600054720	8/18/1999	586287.5	729302.7	X	X	X	X	X
MW-430B	3E	No	S2	IA-11	E201503876	5/5/2015	587231.7	728317.0	X	X	X	X	X
MW-431B	3E	No	S2	IA-11	E201503877	5/5/2015	587163.8	728253.0	X	X	X	X	X
MW-432B	3E	No	S2	IA-11	E201503878	5/4/2015	587185.8	728311.1	X	X	X	X	X
MW-433C	4E	No	S3	IA-12	E201503869	5/1/2015	588136.3	729350.0	X	X	X	X	X
MW-434C	4E	No	S3	IA-03	E201503870	5/4/2015	588129.9	729051.9	X	X	X	X	X
MW-435A	2W	Yes	S1	IA-12	E201507552	8/3/2015	587852.2	729834.2	X	X	X	X	X
MW-435B	2W	No	S2	IA-12	E201507553	7/31/2015	587852.1	729834.5	X	X	X	X	X
MW-436A	2E	Yes	S1	IA-12	E201509734	9/16/2015	588027.3	729761.1	X	X	X	X	X
MW-436B	2E	No	S2	IA-12	E201509735	9/15/2015	588027.6	729761.1	X	X	X	X	X
MW-437A	2W	Yes	S1	IA-12	E201509513	9/17/2015	587830.1	729765.8	X	X	X	X	X
MW-437B	2W	No	S2	IA-12	E201509514	9/16/2015	587830.0	729765.5	X	X	X	X	X
MW-438A	2W	Yes	S1	IA-04	E201506930	9/2/2015	587727.5	729598.5	X	X	X	X	X
MW-438B	2W	No	S2	IA-04	E201506931	8/27/2015	587727.2	729599.2	X	X	X	X	X
MW-439A	2W	Yes	S1	IA-03	E201506932	8/17/2015	587767.8	729537.4	X	X	X	X	X
MW-439B	5W	No	S2	IA-03	E201506933	8/14/2015	587767.6	729537.0	X	X	X	X	X
MW-44	1W	Yes	S1	IA-10	2600054721	8/11/1999	586150.6	729476.5	X	X	X	X	X
MW-440A	2W	Yes	S1	IA-04	E201506929	9/14/2015	587696.3	729555.4	X	X	X	X	X
MW-441A	2E	Yes	S1	IA-12	E201505053	5/20/2015	587998.8	729732.7	X	X	X	X	X
MW-441B	2E	No	S2	IA-12	E201504854	5/19/2015	587996.4	729724.2	X	X	X	X	X
MW-442A	2E	Yes	S1	IA-12	E201505054	5/22/2015	587961.8	729677.1	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-442B	2E	No	S2	IA-12	E201504855	5/20/2015	587961.8	729672.1	X	X	X	X	X
MW-443A	OVB	Yes	S1	IA-12	E201505055	8/26/2015	588020.1	729682.0	X	X	X	X	X
MW-443B	2E	No	S2	IA-12	E201504856	8/25/2015	588020.4	729676.6	X	X	X	X	X
MW-444A	2E	Yes	S1	IA-12	E201505056	8/24/2015	587968.6	729618.6	X	X	X	X	X
MW-444B	2E	No	S2	IA-12	E201504857	8/19/2015	587968.8	729613.7	X	X	X	X	X
MW-445A	2E	Yes	S1	IA-12	E201505057	5/21/2015	587911.1	729616.4	X	X	X	X	X
MW-445B	2E	No	S2	IA-12	E201504858	5/22/2015	587911.3	729611.1	X	X	X	X	X
MW-446A	1W	Yes	S1	IA-10	E201505760	6/2/2015	586419.5	729517.6	X	X	X	X	X
MW-447A	2W	Yes	S1	IA-06	E201507687	7/31/2015	586859.2	729189.5	X	X	X	X	X
MW-447B	3W	No	S2	IA-06	E201507688	8/5/2015	586855.8	729183.6	X	X	X	X	X
MW-448B	3E	No	S3	IA-11	E201510264	9/21/2015	587230.8	728373.2	X	X	X	X	X
MW-449C	4E	No	S3	IA-11	E201507925	8/11/2015	587336.3	728311.4	X	X	X	X	X
MW-44B	1W	No	S2	IA-10	E201304514	4/16/2013	586157.3	729459.4	X	X	X	X	X
MW-44C	2W	No	S3	IA-10	E201302491	4/9/2013	586139.7	729460.3	X	X	X	X	X
MW-45	1W	Yes	S1	IA-10	2600054722	8/12/1999	586304.8	729500.8	X	X	X	X	X
MW-450B	4E	No	S2	IA-11	E201510265	9/23/2015	587286.8	727919.0	X	X	X	X	X
MW-451B	4E	No	S2	IA-11	E201513157	9/29/2015	587394.6	727920.9	X	X	X	X	X
MW-452C	4E	No	S3	IA-11	E201509736	10/30/2015	587542.2	728042.2	X	X	X	X	X
MW-453C1	4E	No	S3	IA-11	E201509738	10/1/2015	587440.4	727990.0	X	X	X	X	X
MW-453C2	5E	No	S3	IA-11	E201509739	9/29/2015	587440.6	727990.1	X	X	X	X	X
MW-454C	5E	No	S3	IA-11	E201509737	11/5/2015	587560.6	728008.0	X	X	X	X	X
MW-455C	5E	No	S3	IA-11	E201513158	10/1/2015	587404.8	727945.3	X	X	X	X	X
MW-456C1	4E	No	S3	IA-11	E201510266	9/30/2015	587422.2	728237.8	X	X	X	X	X
MW-456C2	4E	No	S3	IA-11	E201510267	9/29/2015	587422.0	728237.7	X	X	X	X	X
MW-457C1	4E	No	S3	IA-11	E201509602	10/5/2015	587377.3	728099.3	X	X	X	X	X
MW-457C2	5E	No	S3	IA-11	E201509603	9/30/2015	587377.7	728099.4	X	X	X	X	X
MW-458C1	4E	No	S3	IA-11	E201510268	9/23/2015	587308.7	728222.6	X	X	X	X	X
MW-458C2	4E	No	S3	IA-11	E201510269	9/22/2015	587308.5	728222.4	X	X	X	X	X
MW-459C	5E	No	S3	IA-11	E201509599	10/2/2015	587610.7	728143.6	X	X	X	X	X
MW-46	4E	Yes	S1	IA-07	2600060830	4/12/2001	587931.0	727976.0	X	X	X	X	X
MW-460C	5E	No	S3	IA-13	E201511667	10/28/2015	587599.9	727773.6	X	X	X	X	X
MW-461C	5E	No	S3	IA-13	E201511398	9/25/2015	587478.4	727738.9	X	X	X	X	X
MW-462C1	5E	No	S3	IA-15	E201508112	7/24/2015	587586.6	727247.5	X	X	X	X	X
MW-462C2	5E	No	S3	IA-15	E201508113	7/23/2015	587586.6	727247.7	X	X	X	X	X
MW-463C	5E	No	S3	IA-07	E201600360	1/22/2016	587750.0	728202.8	X	X	X	X	X
MW-464C1	4E	No	S3	IA-07	E201510270	9/25/2015	587595.4	728278.0	X	X	X	X	X
MW-464C2	5E	No	S3	IA-07	E201510271	9/24/2015	587595.5	728278.3	X	X	X	X	X
MW-465C1	4E	No	S3	IA-07	E201510272	9/28/2015	587463.3	728371.2	X	X	X	X	X
MW-465C2	4E	No	S3	IA-07	E201510273	9/25/2015	587463.6	728371.3	X	X	X	X	X
MW-466A	OVB	Yes	S1	IA-09	E201507718	7/16/2015	587328.6	729428.0	X	X	X	X	X
MW-467A	OVB	Yes	S1	IA-09	E201507719	7/14/2015	587410.6	729406.5	X	X	X	X	X
MW-468A	OVB	Yes	S1	IA-09	E201507720	7/14/2015	587445.0	729363.9	X	X	X	X	X
MW-469A	OVB	Yes	S1	IA-09	E201507721	7/13/2015	587411.6	729344.4	X	X	X	X	X
MW-47	OVB	Yes	S2	IA-14	2600054724	8/5/1999	588291.2	726978.0	X	X	X	X	X
MW-470A	OVB	Yes	S1	IA-09	E201507722	7/13/2015	587432.8	729303.4	X	X	X	X	X
MW-471A	OVB	Yes	S1	IA-09	E201507723	7/16/2015	587435.1	729257.2	X	X	X	X	X
MW-472A	1W	Yes	S1	IA-10	E201505990	7/15/2015	586406.1	729497.1	X	X	X	X	X
MW-472S	OVB	Yes	S1	IA-10	E201509017	8/7/2015	586405.3	729502.4	X	X	X	X	X
MW-473A	1W	Yes	S1	Offsite	E201508353	7/30/2015	586391.2	729541.3	X	X	X	X	X
MW-474A	1W	Yes	S1	Offsite	E201508354	7/30/2015	586374.2	729517.1	X	X	X	X	X
MW-474B	2W	No	S2	Offsite	E201615024	1/4/2017	586375.1	729513.6	X	X	X	X	X
MW-475A	1W	Yes	S1	Offsite	E201508355	7/30/2015	586334.2	729454.3	X	X	X	X	X
MW-476A	1W	Yes	S1	IA-10	E201509018	8/6/2015	586440.7	729480.2	X	X	X	X	X
MW-477A	2W	Yes	S1	IA-10	E201509019	8/5/2015	586446.5	729401.2	X	X	X	X	X
MW-478B	4E	No	S2	Offsite	E201510508	9/10/2015	587132.2	727910.8	X	X	X	X	X
MW-478C	4E	No	S3	Offsite	E201510509	9/9/2015	587136.3	727902.2	X	X	X	X	X
MW-479A	1W	Yes	S1	IA-10	E201706151	6/5/2017	586376.8	729393.4	X	X	X	X	X
MW-479B	2W	No	S2	IA-10	E201510870	9/16/2015	586382.7	729393.4	X	X	X	X	X
MW-479C	3W	No	S3	IA-10	E201509104	9/1/2015	586373.9	729399.1	X	X	X	X	X
MW-479S	OVB	Yes	S1	IA-10	E201706148	6/6/2017	586380.1	729399.1	X	X	X	X	X
MW-48	OVB	Yes	S2	IA-14	2600054725	8/4/1999	588197.8	726726.1	X	X	X	X	X
MW-480A	1W	Yes	S1	IA-10	E201510871	1/13/2016	586284.1	729454.2	X	X	X	X	X
MW-481B	2W	No	S2	IA-10	E201513391	10/22/2015	586315.5	729337.0	X	X	X	X	X
MW-481C	2W	No	S3	IA-10	E201513392	10/23/2015	586307.5	729343.1	X	X	X	X	X
MW-482B	2W	No	S2	IA-10	E201511554	12/23/2015	586412.8	729250.4	X	X	X	X	X

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Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-482C	2W	No	S3	IA-10	E201511551	10/29/2015	586410.3	729257.2	X	X	X	X	X
MW-483B	2W	No	S2	IA-10	E201511555	12/29/2015	586416.8	729110.0	X	X	X	X	X
MW-483C	2W	No	S3	IA-10	E201511552	10/29/2015	586425.3	729108.4	X	X	X	X	X
MW-484A	OVB	Yes	S1	IA-11	E201604762	5/12/2016	587217.1	728278.3	X	X	X	X	X
MW-484B	3E	No	S2	IA-11	E201604766	5/10/2016	587214.5	728275.5	X	X	X	X	X
MW-485A	1W	Yes	S1	Offsite	E201511647	10/9/2015	586360.3	729525.8	X	X	X	X	X
MW-486A	1W	Yes	S1	Offsite	E201511648	10/12/2015	586381.2	729526.2	X	X	X	X	X
MW-487A	1W	Yes	S1	Offsite	E201511649	10/12/2015	586363.2	729499.4	X	X	X	X	X
MW-487B	2W	No	S2	Offsite	E201615025	1/4/2017	586364.9	729490.7	X	X	X	X	X
MW-487S	1W	Yes	S1	Offsite	E201513662	12/22/2015	586364.1	729494.9	X	X	X	X	X
MW-488A	1W	Yes	S1	Offsite	E201511650	10/13/2015	586353.2	729484.5	X	X	X	X	X
MW-488B	2W	No	S2	Offsite	E201615026	1/5/2017	586355.5	729481.9	X	X	X	X	X
MW-489A	1W	Yes	S1	Offsite	E201511651	10/13/2015	586342.9	729469.9	X	X	X	X	X
MW-48B	5E	No	S3	IA-14	E201304958	4/30/2013	588197.8	726748.8	X	X	X	X	X
MW-48C	5E	No	D1	IA-14	E201304959	4/29/2013	588180.9	726738.2	X	X	X	X	X
MW-49	5E	Yes	S2	IA-14	2600054726	8/3/1999	588079.4	726815.0	X	X	X	X	X
MW-490A	3W	Yes	S1	IA-04	E201512235	10/20/2015	587410.2	729857.5	X	X	X	X	X
MW-491A	2E	Yes	S1	IA-07	E201600955	12/16/2015	587503.2	728997.1	X	X	X	X	X
MW-492A	2E	Yes	S1	IA-07	E201514802	1/22/2016	587560.4	728967.2	X	X	X	X	X
MW-492B	3E	No	S2	IA-07	E201514803	1/19/2016	587560.4	728966.8	X	X	X	X	X
MW-493B	2E	No	S2	IA-07	E201514804	1/5/2016	587398.8	728970.2	X	X	X	X	X
MW-494A	2E	Yes	S1	IA-07	E201514805	12/28/2015	587416.5	728902.7	X	X	X	X	X
MW-495B	3E	No	S2	IA-07	E201514806	12/31/2015	587410.1	728813.7	X	X	X	X	X
MW-496A	1W	Yes	S1	Offsite	E201513661	12/22/2015	586387.0	729504.5	X	X	X	X	X
MW-496S	1W	Yes	S1	Offsite	E201513663	12/22/2015	586385.1	729500.9	X	X	X	X	X
MW-497A	OVB	Yes	S1	IA-11	E201604763	5/9/2016	587203.7	728257.1	X	X	X	X	X
MW-497B	3E	No	S2	IA-11	E201604767	5/6/2016	587205.4	728260.2	X	X	X	X	X
MW-498A	OVB	Yes	S1	IA-11	E201604764	5/3/2016	587183.9	728243.9	X	X	X	X	X
MW-498B	3E	No	S2	IA-11	E201604768	5/6/2016	587186.6	728243.3	X	X	X	X	X
MW-499A	OVB	Yes	S1	IA-11	E201604765	5/3/2016	587192.4	728221.1	X	X	X	X	X
MW-499B	3E	No	S2	IA-11	E201604769	5/12/2016	587192.8	728218.2	X	X	X	X	X
MW-4A	1W	Yes	S1	IA-01	2600042998	3/21/1996	586682.4	729882.3	X	X	X	X	X
MW-5	2W	Yes	S1	IA-06	2600011821	11/6/1987	586642.2	729359.2	X	X	X	X	X
MW-50	3W	No	S2	IA-06	2600064189	4/15/2002	586740.6	728992.8	X	X	X	X	X
MW-500A	2W	Yes	S1	IA-01	E201608319	7/14/2016	586954.6	729922.5	X	X	X	X	X
MW-501B	1W	No	S2	IA-10	E201615023	1/5/2017	586316.5	729518.8	X	X	X	X	X
MW-502A	2E	Yes	S1	IA-09	E201701477	2/16/2017	587320.3	728952.9	X	X	X	X	X
MW-502B	2E	No	S2	IA-09	E201701478	2/16/2017	587320.6	728952.5	X	X	X	X	X
MW-503C	3E	No	S3	IA-07	E201701479	2/14/2017	587381.7	728801.6	X	X	X	X	X
MW-504B	3W	No	S2	IA-06	E201903471	4/9/2019	586844.5	729231.3	X	X	X	X	X
MW-505A	2W	Yes	S1	IA-06	E201903476	4/3/2019	586840.8	729313.5	X	X	X	X	X
MW-506B	3W	No	S2	IA-06	E201903472	4/3/2019	586837.6	729308.0	X	X	X	X	X
MW-507C	3W	No	S3	IA-06	E201903473	4/3/2019	586834.3	729302.7	X	X	X	X	X
MW-508A	2W	Yes	S1	IA-06	E201903474	4/9/2019	586817.6	729189.7	X	X	X	X	X
MW-508B	3W	No	S2	IA-06	E201903475	4/5/2019	586813.9	729183.5	X	X	X	X	X
MW-52	2W	Yes	S1	IA-06	2600064191	4/15/2002	586765.8	729111.8	X	X	X	X	X
MW-53	3W	No	S2	IA-06	2600079967	8/31/2006	586753.7	729000.1	X	X	X	X	X
MW-54	3W	No	S3	IA-06	2600079972	9/21/2006	586751.3	729001.9	X	X	X	X	X
MW-55	4E	No	S2	IA-11	2600064217	5/29/2002	587314.4	727849.2	X	X	X	X	X
MW-55B	4E	No	S2	IA-11	E201410815	7/17/2014	587305.7	727846.9	X	X	X	X	X
MW-55C	5E	No	S3	IA-11	E201410816	7/16/2014	587308.8	727842.0	X	X	X	X	X
MW-56	3W	No	S3	IA-06	2600079973	9/26/2006	586746.1	728986.8	X	X	X	X	X
MW-57	4E	Yes	S1	IA-15	2600064219	5/23/2002	587368.0	727596.3	X	X	X	X	X
MW-58	1W	Yes	S1	IA-12	2600068227	6/25/2003	586874.8	730500.4	X	X	X	X	X
MW-59	3W	Yes	S1	IA-12	2600068226	6/24/2003	587450.2	730138.4	X	X	X	X	X
MW-6	OVB	Yes	S1	IA-06	2600011822	11/13/1987	586806.0	729051.0	X	X	X	X	X
MW-60	OVB	Yes	S1	IA-12	2600068225	6/25/2003	587966.3	729831.1	X	X	X	X	X
MW-60A	2E	Yes	S1	IA-12	E201218100	12/5/2012	588080.1	729750.3	X	X	X	X	X
MW-60A-S2	3E	No	S2	IA-12	E201403230	3/20/2014	588091.2	729743.8	X	X	X	X	X
MW-60A-S3	3E	No	S3	IA-12	E201403231	3/25/2014	588101.0	729737.3	X	X	X	X	X
MW-60B	2E	Yes	S1	IA-12	E201218101	12/6/2012	588168.3	729553.9	X	X	X	X	X
MW-60C	2W	Yes	S1	IA-12	E201218102	12/10/2012	587807.8	729921.0	X	X	X	X	X
MW-60E	2E	Yes	S1	IA-12	E201218104	12/7/2012	587908.1	729762.0	X	X	X	X	X
MW-60F	2E	Yes	S1	IA-12	E201218544	12/11/2012	588004.5	729806.0	X	X	X	X	X
MW-60G	OVB	Yes	S1	IA-12	E201302320	3/4/2013	587901.0	729870.8	X	X	X	X	X

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							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-60G-S3	5W	No	S3	IA-12	E201507554	9/17/2015	587898.5	729865.2	X	X	X	X	X
MW-60H	OVB	Yes	S1	Offsite	E201302317	3/5/2013	587916.7	729886.9	X	X	X	X	X
MW-60I	OVB	Yes	S1	Offsite	E201302318	3/12/2013	587979.6	729844.9	X	X	X	X	X
MW-60J	OVB	Yes	S1	Offsite	E201302319	3/15/2013	588017.4	729822.2	X	X	X	X	X
MW-60K	4W	Yes	S1	Offsite	E201302315	3/21/2013	587819.2	729949.2	X	X	X	X	X
MW-60L	2W	Yes	S1	Offsite	E201302316	3/8/2013	587864.6	729915.2	X	X	X	X	X
MW-60M	2E	Yes	S1	IA-12	E201316435	11/18/2013	587912.2	729820.5	X	X	X	X	X
MW-60N	OVB	Yes	S1	IA-12	E201316492	11/18/2013	587931.4	729852.0	X	X	X	X	X
MW-60O	2E	Yes	S1	IA-12	E201316493	11/18/2013	587944.9	729799.0	X	X	X	X	X
MW-60P	2E	Yes	S1	IA-12	E201316494	11/18/2013	587965.0	729792.0	X	X	X	X	X
MW-60R	OVB	Yes	S1	IA-12	E201415563	11/24/2014	587966.1	729831.1	X	X	X	X	X
MW-60-Z2	2E	No	S2	IA-12	E201400662	2/18/2014	587955.0	729830.3	X	X	X	X	X
MW-60-Z2R	2W	No	S2	IA-12	E201415543	12/1/2014	587955.0	729830.4	X	X	X	X	X
MW-61	3E	Yes	S1	IA-12	2600068293	7/8/2003	588766.0	729324.1	X	X	X	X	X
MW-61B	4E	No	S2	IA-12	E201403602	4/25/2014	588773.2	729310.3	X	X	X	X	X
MW-61C	5E	No	S3	IA-12	E201403603	4/24/2014	588763.6	729312.7	X	X	X	X	X
MW-62	3E	Yes	S1	IA-11	2600074451	4/26/2005	587205.1	728213.9	X	X	X	X	X
MW-63	3E	No	S2	IA-11	2600074505	4/27/2005	587207.6	728209.1	X	X	X	X	X
MW-64	OVB	Yes	S1	IA-11	2600074452	5/12/2005	587227.7	728169.8	X	X	X	X	X
MW-65	OVB	Yes	S1	IA-11	2600074453	5/13/2005	587247.6	728130.1	X	X	X	X	X
MW-66	OVB	Yes	S1	IA-11	2600074454	5/11/2005	587181.8	728160.7	X	X	X	X	X
MW-67	OVB	Yes	S1	IA-11	2600074455	5/10/2005	587218.4	728015.0	X	X	X	X	X
MW-68	OVB	Yes	S1	IA-11	2600074456	4/7/2005	587132.7	728183.8	X	X	X	X	X
MW-69	3E	Yes	S1	IA-11	2600074457	5/18/2005	587087.7	728274.7	X	X	X	X	X
MW-6A	3W	Yes	S1	IA-06	2600014983	12/7/1988	586759.5	728975.5	X	X	X	X	X
MW-7	OVB	Yes	S1	IA-09	2600011823	11/7/1987	587001.0	728650.0	X	X	X	X	X
MW-70-1	2W	No	S2	IA-10	2600027257	10/31/1991	586482.1	729150.0	X	X	X	X	X
MW-70-2	2W	No	S2	IA-10	2600027258	11/1/1991	586514.9	729132.9	X	X	X	X	X
MW-70-3	2W	No	S2	IA-10	2600027259	10/31/1991	586532.6	729148.4	X	X	X	X	X
MW-70C	3W	No	S3	IA-10	E201409382	7/29/2014	586483.2	729167.6	X	X	X	X	X
MW-71	3E	No	S2	IA-11	2600074506	4/13/2005	587130.2	728187.1	X	X	X	X	X
MW-71C	4E	No	S3	IA-11	E201407242	6/17/2014	587130.4	728192.8	X	X	X	X	X
MW-72	OVB	Yes	S1	IA-11	2600074458	4/12/2005	587159.5	728117.6	X	X	X	X	X
MW-73	3E	No	S2	IA-11	2600074459	5/17/2005	587244.3	727970.1	X	X	X	X	X
MW-74	3E	No	S2	IA-11	2600074507	4/20/2005	587157.7	728122.5	X	X	X	X	X
MW-74C	4E	No	S3	IA-11	E201407155	7/16/2014	587168.0	728124.9	X	X	X	X	X
MW-75	3E	No	S2	IA-11	2600074508	5/4/2005	587202.9	728040.1	X	X	X	X	X
MW-75C	4E	No	S3	IA-11	E201410817	7/17/2014	587211.2	728005.6	X	X	X	X	X
MW-76	3W	No	S2	IA-06	2600079968	9/27/2006	586751.4	728899.3	X	X	X	X	X
MW-77	3W	No	S2	IA-06	2600079974	8/29/2006	586747.8	728896.5	X	X	X	X	X
MW-78	3W	No	S2	IA-06	2600079969	8/15/2006	586803.1	728873.8	X	X	X	X	X
MW-79	3W	No	S3	IA-06	2600079975	8/16/2006	586799.2	728869.9	X	X	X	X	X
MW-7A	OVB	Yes	S1	IA-09	2600043991	3/19/1996	587031.3	728496.4	X	X	X	X	X
MW-7B	OVB	Yes	S1	IA-09	2600051884	9/30/1998	586916.3	728620.2	X	X	X	X	X
MW-7C	4W	No	S2	IA-09	2600051885	9/30/1998	586922.5	728617.4	X	X	X	X	X
MW-8	ND	ND	S1	IA-11	2600011824	11/20/1987	587623.0	728136.0	X	X	X	X	X
MW-80	2E	Yes	S1	IA-12	2600043993	3/21/1996	587905.3	729757.7	X	X	X	X	X
MW-80A	2E	Yes	S1	IA-12	E201316486	11/15/2013	587876.8	729770.0	X	X	X	X	X
MW-80B	2E	Yes	S1	IA-12	E201316487	11/19/2013	587917.7	729741.9	X	X	X	X	X
MW-80BR	2E	Yes	S1	IA-12	E201415542	12/4/2014	587917.7	729741.8	X	X	X	X	X
MW-80C	2E	Yes	S1	IA-12	E201316488	11/18/2013	587877.2	729693.3	X	X	X	X	X
MW-80-Z2	2E	No	S2	IA-12	E201400666	2/18/2014	587898.8	729769.2	X	X	X	X	X
MW-80-Z2R	2W	No	S2	IA-12	E201415544	12/2/2014	587898.8	729769.2	X	X	X	X	X
MW-81	OVB	Yes	S1	IA-03	2600043486	3/13/1996	587567.9	729257.4	X	X	X	X	X
MW-82	3W	No	S2	IA-06	2600079970	9/29/2006	586845.6	728843.8	X	X	X	X	X
MW-83	4W	No	S3	IA-06	2600079976	8/25/2006	586842.8	728839.9	X	X	X	X	X
MW-84	3W	No	S2	IA-06	2600079971	10/5/2006	586855.1	728815.4	X	X	X	X	X
MW-85	4W	No	S3	IA-06	2600079977	10/3/2006	586853.0	728813.0	X	X	X	X	X
MW-86	4W	No	S3	IA-06	2600079978	9/28/2006	586799.6	728807.4	X	X	X	X	X
MW-87	3W	No	S2	IA-06	2600081122	10/3/2006	586801.0	728844.0	X	X	X	X	X
MW-88	4W	No	S3	IA-06	2600081123	8/17/2006	586800.1	728841.4	X	X	X	X	X
MW-89	3W	Yes	S1	IA-06	2600080663	10/6/2006	586766.3	728917.0	X	X	X	X	X
MW-8A	3E	Yes	S1	IA-11	2600029852	6/24/1992	587630.3	728136.2	X	X	X	X	X
MW-8B	4E	No	S2	IA-11	E201504144	5/15/2015	587623.4	728132.7	X	X	X	X	X
MW-8C	4E	No	S3	IA-11	E201304822	4/17/2013	587616.1	728129.0	X	X	X	X	X

**Appendix B-1
Well Documentation Log
Hoffmann-La Roche Inc. Site - Nutley, NJ**

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report					
							East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log	
MW-9	3E	Yes	S1	IA-07	2600011825	11/3/1987	587716.7	728592.2		X	X			X
MW-90	3W	Yes	S1	IA-06	2600080664	10/9/2006	586800.5	728881.3	X		X	X		X
MW-91	OVB	Yes	S1	IA-06	2600080665	10/10/2006	586853.1	728860.3	X		X	X		X
MW-92	OVB	Yes	S1	IA-06	2600080662	10/10/2006	586856.2	728820.6	X		X	X		X
MW-93	OVB	Yes	S1	IA-06	2600080660	10/10/2006	586799.9	728848.8	X		X	X		X
MW-94	OVB	Yes	S1	IA-06	2600080661	10/10/2006	586800.8	728812.7	X		X	X		X
MW-95	OVB	Yes	S1	IA-06	2600081124	1/23/2007	586771.4	728930.6	X		X	X		X
MW-97	OVB	Yes	S1	IA-06	2600081120	1/23/2007	586849.9	728880.6	X		X	X		X
MW-98	OVB	Yes	S1	IA-06	2600091826	11/27/2007	586832.9	729350.5	X		X	X		X
MW-99	4E	Yes	S1	IA-11	P200804383	12/15/2008	587331.6	727790.9	X	X	X	X		X
MW-99B	4E	No	S2	IA-11	E201412448	9/23/2014	587326.4	727805.4	X	X	X	X		X
MW-99C	5E	No	S3	IA-11	E201412449	10/7/2014	587334.5	727803.3	X	X	X	X		X
MW-9A	3E	Yes	S1	IA-07	E201000872	7/20/2010	587701.2	728544.2	X	X	X	X		X
OW-1	OVB	Yes	S1	IA-03	2600053639	4/14/1999	588057.0	729052.7		X	X	X		X
OW-2	OVB	Yes	S1	IA-03	2600053640	4/22/1999	588102.5	728974.0		X	X	X		X
OW-3	OVB	Yes	S1	IA-03	2600053641	4/14/1999	588039.3	729022.9		X	X	X		X
OW-4	OVB	Yes	S1	IA-03	2600053642	4/14/1999	588046.5	729026.2		X	X	X		X
OW-5	OVB	Yes	S1	IA-03	2600053643	4/14/1999	588056.8	729024.0		X	X	X		X
OW-6	OVB	Yes	S1	IA-03	2600053644	4/14/1999	588042.4	729006.1		X	X	X		X
OW-7	OVB	Yes	S1	IA-03	2600053645	4/14/1999	588040.0	728996.6		X	X	X		X
OW-8	OVB	Yes	S1	IA-03	2600053646	4/14/1999	588037.0	728981.8			X	X		X
PW-14	ND	ND	ND	IA-06	N/A	N/A	586643.8	729364.6						
PW-20	ND	ND	ND	IA-07	4600000155	1/2/1939	587364.4	728837.1		X				
PW-27	ND	ND	ND	IA-01	N/A	N/A	586687.8	729911.2						
PW-32	ND	ND	ND	IA-01	4600000156	1/2/1943	586767.2	730319.0		X				
PW-33	ND	ND	ND	IA-03	4600000157	1/2/1943	587688.4	729133.6		X				
PW-37 Port 1	4E	No	S2	IA-07	2600077911-1	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 10	5E	No	D2	IA-07	2600077911-10	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 11	5E	No	D2	IA-07	2600077911-11	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 2	4E	No	S2	IA-07	2600077911-2	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 3	4E	No	S3	IA-07	2600077911-3	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 4	5E	No	S3	IA-07	2600077911-4	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 5	5E	No	D1	IA-07	2600077911-5	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 6	5E	No	D1	IA-07	2600077911-6	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 7	5E	No	D1	IA-07	2600077911-7	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 8	5E	No	D2	IA-07	2600077911-8	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37 Port 9	5E	No	D2	IA-07	2600077911-9	6/6/2008	588316.2	728676.4	X	X	X	X		X
PW-37*	ND	ND	D4	IA-07	4600000158	10/1/1943	588316.2	728676.4	X	X	X	X		
PW-716	ND	ND	D2	Offsite	2600003455	12/30/1965	587207.9	727500.5	X	X	X	X		
PZ-01	OVB	Yes	S1	IA-04	2600036869	5/20/1994	587300.5	729941.4		X	X	X		X
PZ-02	OVB	Yes	S1	IA-10	2600053313	5/6/1999	586629.3	728954.5	X	X	X	X		X
PZ-03	OVB	Yes	S1	IA-10	2600053314	5/7/1999	586756.6	728644.8	X	X	X	X		X
PZ-04	OVB	Yes	S1	IA-03	2600053356	5/27/1999	587776.9	729626.4	X	X	X	X		X
PZ-05	OVB	Yes	S1	IA-07	2600053319	5/27/1999	587178.9	728584.5	X	X	X	X		X
RW-1	3W	Yes	S1	IA-04	E201603200	4/18/2016	587308.6	729974.5	X	X	X	X		X
RW-2	3W	Yes	S1	IA-04	E201603201	4/14/2016	587336.8	729957.0	X	X	X	X		X
RW-3	ND	ND	S1	IA-04	E201603202	4/15/2016	587370.0	729950.3	X	X	X	X		X
RW-4	ND	ND	S1	IA-04	E201603203	4/18/2016	587411.6	729927.1	X	X	X	X		X
RW-5	ND	ND	S1	IA-04	E201603204	4/12/2016	587447.3	729901.0	X	X	X	X		X
RW-51	ND	ND	S3	IA-06	2600064190	4/17/2002	586752.6	729011.2	X	X	X	X		X
RW-6	ND	ND	S1	IA-04	E201603205	4/13/2016	587350.2	729895.7	X	X	X	X		X
RW-96	OVB	Yes	S1	IA-06	2600081121	1/24/2007	586808.1	728905.6	X		X	X		X
SP-1	ND	ND	S1	IA-03	2600053647	4/16/1999	588050.4	729023.5		X	X	X		X
SVE-1	ND	ND	S1	IA-03	2600053648	4/16/1999	588044.4	729030.6	X	X	X	X		X
SVE-1209-A	ND	ND	S1	IA-12	E201611825	10/5/2016	588051.4	729784.6	X	X	X	X		
SVE-1209-B	ND	ND	S1	IA-12	E201611826	10/6/2016	588029.5	729749.9	X	X	X	X		
SVE-1209-C	ND	ND	S1	IA-12	E201611827	10/5/2016	588039.8	729762.3	X	X	X	X		
SVE-1210-A	ND	ND	S1	IA-12	E201611828	10/5/2016	588016.4	729728.0	X	X	X	X		
SVE-1210-B	ND	ND	S1	IA-12	E201611829	10/7/2016	587995.7	729690.6	X	X	X	X		
SVE-1210-C	ND	ND	S1	IA-12	E201611830	10/5/2016	588004.0	729704.8	X	X	X	X		
SVE-1211-A	ND	ND	S1	IA-12	E201611831	10/6/2016	588023.3	729686.1	X	X	X	X		
SVE-1211-B	ND	ND	S1	IA-12	E201611832	10/6/2016	588000.3	729648.3	X	X	X	X		
SVE-1211-C	ND	ND	S1	IA-12	E201611833	10/6/2016	588008.3	729662.0	X	X	X	X		
SVE-2	ND	ND	S1	IA-03	2600053928	5/11/1999	588004.2	728967.5	X	X	X	X		X
SVE-3	ND	ND	S1	IA-03	2600053929	5/13/1999	588082.0	729088.1	X	X	X	X		X

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Hoffmann-La Roche Inc. Site - Nutley, NJ

Well Designation	Hydrogeologic Unit (HGU)	Shallow (Yes / No)	Vertical Investigation Zone	Investigative Area (IA)	Permit Number	Date Installed	NJ State Plane Coordinates (Survey ft, NAD83)		Forms Included in this Report				
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SVE-4	OVB	Yes	S1	IA-03	2600053930	5/14/1999	588024.5	728972.3	X	X	X	X	X
SVE-5	OVB	Yes	S1	IA-03	2600053931	5/14/1999	588074.3	729055.1	X	X	X	X	X
SVE-WSG-1	OVB	Yes	S1	IA-06	E201317586	11/19/2007	586704.7	729293.0	X	X	X	X	X
SVE-WSG-2	OVB	Yes	S1	IA-06	E201317587	11/19/2007	586694.0	729275.8	X	X	X	X	X
SVE-WSG-3	OVB	Yes	S1	IA-06	E201317588	11/19/2007	586683.1	729258.7	X	X	X	X	X
SVE-WSG-4	OVB	Yes	S1	IA-06	E201317589	11/20/2007	586696.2	729251.3	X	X	X	X	X
SVE-WSG-5	OVB	Yes	S1	IA-06	E201317590	11/20/2007	586709.0	729243.2	X	X	X	X	X
SVE-WSG-6	OVB	Yes	S1	IA-06	2600086703	3/12/2008	586674.0	729314.6	X	X	X	X	X
SVE-WSG-7	OVB	Yes	S1	IA-06	2600086704	3/12/2008	586701.5	729322.7	X	X	X	X	X
SVE-WSG-8	OVB	Yes	S1	IA-06	2600086705	3/12/2008	586724.8	729232.5	X	X	X	X	X
SVE-WSG-9	OVB	Yes	S1	IA-06	2600086706	3/12/2008	586678.1	729286.2	X	X	X	X	X
VE-1210-1	ND	ND	S1	IA-12	E201609290	8/5/2016	588005.8	729691.6	X	X	X	X	X
VE-1210-2	ND	ND	S1	IA-12	E201609289	8/5/2016	588022.8	729719.2	X	X	X	X	X
VE-1214-1	ND	ND	S1	IA-03	E201602674	4/1/2016	587768.0	729615.8	X	X	X	X	X
VE-1214-2	ND	ND	S1	IA-03	E201602675	4/1/2016	587761.7	729602.9	X	X	X	X	X
VMP-1	ND	ND	S1	IA-02	E201508848	8/5/2015	587029.5	729320.8	X	X	X	X	
VMP-2	ND	ND	S1	IA-02	E201508849	8/5/2015	587183.6	729329.6	X	X	X	X	
VMP-3	ND	ND	S1	IA-02	E201508850	8/5/2015	587144.1	729458.5	X	X	X	X	
VMP-4	ND	ND	S1	IA-02	E201508851	8/5/2015	587009.1	729437.6	X	X	X	X	

Notes:

Shaded well designations indicate newly-installed wells

NAD 83 = North American Datum of 1983

N/A = not available or not applicable

ND = Not determined

Not all remediation wells and production wells have been assigned to an HGU.

*PW-37 installed prior to 1965. Flute installation completed 5/18/06

**CH-17 installed 09/28/09. Flute Installation completed 12/14/11

HGU = Hydrogeologic Unit