

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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	S1	IA-10	E201306020	5/7/2013	586589.3	729807.6	X	X	X	X	X
138RI-MW1	S1	IA-10	E201306319	5/10/2013	586421.1	729771.3	X	X	X	X	X
179RI-MW1	S1	IA-10	E201306285	5/8/2013	586504.2	730032.2	X	X	X	X	X
186RI-MW1	S1	IA-10	E201305800	5/3/2013	586258.9	729977.9	X	X	X	X	X
186RI-MW2	S1	IA-10	E201305801	4/30/2013	586382.3	729891.2	X	X	X	X	X
186RI-MW3	S1	IA-10	E201305808	4/30/2013	586490.1	729795.9	X	X	X	X	X
186RI-MW4	S1	IA-10	E201306018	5/7/2013	586555.8	729663.8	X	X	X	X	X
187RI-MW1	S1	IA-10	E201305797	5/1/2013	586556.4	729325.5	X	X	X	X	X
187RI-MW1	S1	IA-10	E201305797	5/1/2013	586556.4	729325.5	X	X	X	X	X
187RI-MW2	S1	IA-10	E201305798	4/30/2013	586570	729168.4	X	X	X	X	X
187RI-MW3	S1	IA-10	E201305799	4/29/2013	586607.1	729070.8	X	X	X	X	X
190RI-MW1	S1	IA-10	E201305795	5/1/2013	586510.8	729362.2	X	X	X	X	X
190RI-MW2	S1	IA-10	E201305796	4/30/2013	586553.7	729057.6	X	X	X	X	X
22RI-MW1	S1	IA-10	E201306290	5/7/2013	586562.5	729829.5	X	X	X	X	X
23RI-MW1	S1	IA-10	E201306683	5/15/2013	586452.2	729780.2	X	X	X	X	X
23RI-MW2	S1	IA-10	E201306868	5/16/2013	586479.8	729762.7	X	X	X	X	X
26RI-MW1	S1	IA-10	N/A	5/20/2013	586300.2	729312.7			X	X	X
53RI-MW1	S1	IA-10	E201304935	4/18/2013	586119.1	730247.4	X	X	X	X	X
53RI-MW2	S1	IA-10	E201304937	4/22/2013	586177.8	730190.7	X	X	X	X	X
53RI-MW3	S1	IA-10	E201304940	4/16/2013	586113.7	730094.7	X	X	X	X	X
53RI-MW4	S1	IA-10	E201304941	4/16/2013	586029	730097.5	X	X	X	X	X
53RI-MW5	S1	IA-10	E201304943	4/19/2013	586040.4	730240.1	X	X	X	X	X
66RI-MW1	S1	IA-10	E201304921	4/15/2013	586407.8	730581.1	X	X	X	X	X
66RI-MW2	S1	IA-10	E201304925	4/15/2013	586607.4	730463.7	X	X	X	X	X
66RI-MW3	S1	IA-10	E201304929	4/17/2013	586674.7	730380.5	X	X	X	X	X
66RI-MW4	S1	IA-10	E201304931	4/17/2013	586648.3	730201.6	X	X	X	X	X
66RI-MW5	S1	IA-10	E201305780	5/2/2013	586597.5	730080.7	X	X	X	X	X
66RI-MW6	S1	IA-10	E201305781	5/2/2013	586467.8	730110.7	X	X	X	X	X
66RI-MW7	S1	IA-10	E201305782	5/2/2013	586346.3	730204.1	X	X	X	X	X
66RI-MW8	S1	IA-10	E201305783	5/3/2013	586221.8	730240.4	X	X	X	X	X
ART-1	S1	IA-02	E201310112	7/31/2013	587083.1	729371.4	X	X	X	X	X
ART-10	S2	IA-06	E201504272	2/28/2015	586951.1	729271.8	X	X	X		X
ART-100	S3	IA-02	E201608424	7/28/2016	587129.6	729285.7	X	X	X	X	
ART-101	S2	IA-12	E201607402	7/8/2016	587970.1	729760.4	X	X	X		X
ART-102	S2	IA-12	E201607403	7/7/2016	587946.4	729722	X	X	X		X
ART-103	S2	IA-07	E201609134	8/11/2016	587469.5	729083.597	X	X	X		X
ART-104	S2	IA-07	E201609135	8/11/2016	587428.5	729030.6	X	X	X		X
ART-11	S2	IA-06	E201503931	5/13/2015	587001.8	729237.1	X	X	X		X
ART-12	S2	IA-06	E201503982	5/11/2015	587078.3	729215.8	X	X	X		X
ART-13	S2	IA-06	E201504273	6/3/2015	586942.5	729214	X	X	X		X
ART-14	S2	IA-06	E201503933	5/14/2015	586987.6	729181.9	X	X	X		X
ART-15	S2	IA-06	E201503934	5/15/2015	586988	729128.8	X	X	X		X
ART-16	S2	IA-07	E201500481	2/5/2015	587387.3	728472.8	X	X	X	X	X
ART-17	S2	IA-12	E201507645	7/23/2015	587875.5	729882.7	X	X	X	X	X
ART-18	S2	IA-12	E201509196	8/18/2015	587911.9	729860	X	X	X	X	X
ART-19	S2	IA-12	E201509198	9/1/2015	587943.2	729848.6	X	X	X	X	X
ART-2	S1	IA-02	E201310113	8/2/2013	587117.7	729332.7	X	X	X	X	X
ART-20	S2	IA-12	E201507647	7/27/2015	587841.7	729817.7	X	X	X	X	X
ART-21	S2	IA-12	E201509195	8/21/2015	587883.2	729829.8	X	X	X	X	X
ART-22	S2	IA-12	E201511377	10/8/2015	587929.5	729807.3	X	X	X	X	X
ART-23	S2	IA-12	E201509741	9/17/2015	587997.8	729812	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-26	S2	IA-12	E201509530	9/3/2015	587864.8	729779.9	X	X	X	X	X
ART-27	S2	IA-12	E201509718	9/17/2015	587837.7	729744.6	X	X	X	X	X
ART-28	S2	IA-12	E201508761	8/13/2015	587916.8	729665.5	X	X	X	X	X
ART-29	S2	IA-12	E201507727	9/25/2015	587788.5	729714	X	X	X	X	X
ART-3	S2	IA-02	E201310114	8/6/2013	587102.5	729383.2	X	X	X	X	X
ART-30	S2	IA-12	E201506889	7/21/2015	587884.6	729642.5	X	X	X	X	X
ART-31	S2	IA-03	E201506934	8/26/2015	587771.2	729614	X	X	X	X	X
ART-32	S2	IA-03	E201506936	9/18/2015	587799.7	729587.2	X	X	X	X	X
ART-33	S2	IA-04	E201506935	9/2/2015	587717	729587.6	X	X	X	X	X
ART-34	S2	IA-03	E201506937	7/14/2015	587754	729546.7	X	X	X	X	X
ART-35	S2	IA-03	E201506938	8/12/2015	587711.9	729531.4	X	X	X	X	X
ART-36	S2	IA-12	E201509742	9/10/2015	588027.3	729778	X	X	X	X	X
ART-37	S2	IA-12	E201508759	8/20/2015	588020.8	729729.8	X	X	X	X	X
ART-38	S2	IA-12	E201508762	8/21/2015	587996.2	729679.8	X	X	X	X	X
ART-39	S2	IA-12	E201506903	7/16/2015	587967.5	729642.9	X	X	X	X	X
ART-4	S2	IA-12	E201411687	9/19/2014	587851.2	729720.3	X	X	X	X	X
ART-40	S2	IA-12	E201506905	7/14/2015	587942.3	729611.1	X	X	X	X	X
ART-41	S3	IA-01	E201506127	7/13/2015	587154	730079.5	X	X	X		X
ART-42	S3	IA-04	E201506128	7/13/2015	587211.3	730045.9	X	X	X	X	X
ART-43	S3	IA-01	E201508406	9/14/2015	587121.4	730057.2	X	X	X		X
ART-44	S3	IA-04	E201506762	7/21/2015	587220.9	730002.7	X	X	X	X	X
ART-45	S2	IA-01	E201508898	9/11/2015	587083.5	730044	X	X	X		X
ART-46	S2	IA-01	E201508899	9/14/2015	587141.9	730006.3	X	X	X		X
ART-47	S2	IA-04	E201506760	7/23/2015	587201.7	729968.5	X	X	X	X	X
ART-48	S2	IA-01	E201508900	9/11/2015	587080.2	729974.6	X	X	X		X
ART-49	S2	IA-04	E201508901	9/11/2015	587149.7	729953.9	X	X	X	X	X
ART-5	S2	IA-12	E201410706	9/3/2014	587877.3	729671.2	X	X	X	X	X
ART-50	S2	IA-04	E201506761	7/28/2015	587208.9	729915.3	X	X	X	X	X
ART-51	S2	IA-01	E201509142	8/27/2015	587018.8	729942.3	X	X	X		X
ART-52	S2	IA-01	E201508902	9/14/2015	587076.7	729904.5	X	X	X		X
ART-53	S2	IA-04	E201507212	7/28/2015	587136.5	729866.3	X	X	X	X	X
ART-54	S2	IA-01	E201508650	8/5/2015	586910.1	729936.9	X	X	X		X
ART-55	S2	IA-01	E201508407	9/14/2015	586955.7	729911	X	X	X		X
ART-56	S2	IA-01	E201508408	8/25/2015	587012.3	729873.5	X	X	X		X
ART-57	S2	IA-01	E201508409	8/19/2015	587073.9	729834.1	X	X	X		X
ART-58	S3	IA-01	E201506012	7/7/2015	586844.4	729903.2	X	X	X		X
ART-59	S3	IA-01	E201506013	6/19/2015	586888.2	729872.1	X	X	X		X
ART-6	S2	IA-12	E201410819	8/21/2014	587828.1	729684.7	X	X	X	X	X
ART-60	S3	IA-01	E201506014	8/10/2015	586949.2	729829.1	X	X	X		X
ART-61	S3	IA-01	E201506015	8/31/2015	587004.1	729791	X	X	X		X
ART-62	S3	IA-04	E201506467	7/27/2015	587066.4	729752.3	X	X	X	X	X
ART-63	S3	IA-01	E201506016	6/30/2015	586855.5	729821.6	X	X	X		X
ART-64	S3	IA-01	E201506017	8/5/2015	586917	729781.2	X	X	X		X
ART-65	S3	IA-01	E201508410	8/31/2015	586973.1	729744.6	X	X	X		X
ART-66	S3	IA-04	E201506468	8/3/2015	587032.3	729707	X	X	X	X	X
ART-67	S3	IA-01	E201506018	8/11/2015	586853.2	729750.2	X	X	X		X
ART-68	S3	IA-01	E201506945	7/27/2015	586907.8	729714.882	X	X	X		X
ART-69	S3	IA-01	E201506946	7/30/2015	586970	729675.6	X	X	X		X
ART-7	S2	IA-06	E201504271	5/18/2015	586957.3	729319.7	X	X	X		X
ART-70	S3	IA-01	E201506019	9/4/2015	586835.3	729677.2	X	X	X		X
ART-71	S3	IA-01	E201506947	7/23/2015	586908.7	729643.7	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-72	S3	IA-02	E201506469	7/23/2015	586967.5	729604.8	X	X	X	X	X
ART-73	S3	IA-01	E201506948	7/28/2015	586848.1	729619.3	X	X	X		X
ART-74	S3	IA-02	E201506949	8/26/2015	586911.2	729563.3	X	X	X	X	X
ART-75	S1	IA-06	E201509618	8/27/2015	586819.3	729255.6	X	X	X		X
ART-76	S1	IA-06	E201509619	8/31/2015	586840.7	729241.5	X	X	X		X
ART-77	S2	IA-06	E201509621	8/28/2015	586830.6	729239.7	X	X	X		X
ART-78	S1	IA-06	E201509620	8/31/2015	586821.1	729228.6	X	X	X		X
ART-79	S2	IA-06	E201507859	8/14/2015	586851.7	729201.2	X	X	X		X
ART-8	S2	IA-06	E201415818	12/17/2014	587031.6	729288.1	X	X	X		X
ART-80	S2	IA-06	E201507858	8/14/2015	586803.9	729208	X	X	X		X
ART-81	S2	IA-06	E201507860	8/4/2015	586848.6	729143	X	X	X		X
ART-82	S2	IA-06	E201507861	8/5/2015	586791.8	729150.9	X	X	X		X
ART-83	S2	IA-06	E201510165	10/2/2015	586854.2	729072.8	X	X	X		X
ART-84	S2	IA-06	E201510166	9/30/2015	586762.8	729107.6	X	X	X		X
ART-85	S2	IA-06	E201510167	9/29/2015	586818.2	729078.5	X	X	X		X
ART-86	S3	IA-06	E201509972	9/30/2015	586756.6	729068.1	X	X	X		X
ART-87	S2	IA-06	E201510168	9/30/2015	586745	729058.4	X	X	X		X
ART-88	S3	IA-06	E201509973	9/30/2015	586761.6	729015.3	X	X	X		X
ART-89	S1	IA-06	E201510617	9/14/2015	586785.8	729170	X	X	X		X
ART-9	S2	IA-06	E201503981	5/12/2015	587100.5	729246.9	X	X	X		X
ART-90	S2	IA-07	E201514692	1/15/2016	587547	729030.3	X	X	X		X
ART-91	S2	IA-07	E201514693	1/19/2016	587492.3	729043.8	X	X	X		X
ART-92	S2	IA-07	E201514694	1/19/2016	587604	728994	X	X	X		X
ART-93	S2	IA-07	E201514809	1/14/2016	587451.1	728989.5	X	X	X		X
ART-94	S2	IA-07	E201514811	1/22/2016	587529.6	728965.2	X	X	X	X	X
ART-95	S2	IA-07	E201514812	2/1/2016	587383	728942.8	X	X	X		X
ART-96	S2	IA-07	E201514814	1/12/2016	587463	728918.6	X	X	X		X
ART-97	S2	IA-07	E201514815	1/6/2016	587361.8	728863.4	X	X	X		X
ART-98	S2	IA-07	E201514818	1/18/2016	587423.7	728842.2	X	X	X		X
ART-99	S3	IA-02	E201608423	7/27/2016	587150.9	729294.3	X	X	X	X	
ART-MW-1	S1	IA-02	E201310219	7/29/2013	587122	729334	X	X	X	X	X
ART-MW-2	S1	IA-02	E201310220	7/30/2013	587094.2	729381.3	X	X	X	X	X
ART-MW-2AR	S1	IA-02	E201501059	3/3/2015	587099.7	729378.9	X	X	X	X	X
ART-MW-3	S1	IA-02	E201310221	7/29/2013	587062.6	729385.8	X	X	X	X	X
ART-MW-3AR	S1	IA-02	E201501060	3/17/2015	587061.2	729380.3	X	X	X	X	X
ART-MW-4	S1	IA-02	E201310222	7/30/2013	587104.1	729311	X	X	X	X	X
ART-MW-4AR	S1	IA-02	E201501061	3/17/2015	587099.9	729321.6	X	X	X	X	X
ART-MW-5	S1	IA-02	E201310117	7/31/2013	587105.1	729363.7	X	X	X	X	X
ART-MW-5BR	S1	IA-02	E201501063	3/11/2015	587106.5	729359.1	X	X	X	X	X
ART-MW-6	S2	IA-02	E201310118	7/31/2013	587090.3	729399.2	X	X	X	X	X
ART-MW-6BR	S2	IA-02	E201501062	3/11/2015	587088.1	729396	X	X	X	X	X
ART-VP-1	S1	IA-02	E201309591	7/18/2013	587085.7	729375.1	X	X	X	X	X
ART-VP-10	S1	IA-02	E201309755	7/24/2013	587118.1	729371.5	X	X	X	X	X
ART-VP-11	S1	IA-02	E201309756	7/25/2013	587107.1	729379.4	X	X	X	X	X
ART-VP-12	S1	IA-02	E201309757	7/23/2013	587116.2	729403.3	X	X	X	X	X
ART-VP-2	S1	IA-02	E201309594	7/19/2013	587090.9	729383.6	X	X	X	X	X
ART-VP-3	S1	IA-02	E201309599	7/22/2013	587077.7	729362.3	X	X	X	X	X
ART-VP-4	S1	IA-02	E201309600	7/23/2013	587067.3	729345.7	X	X	X	X	X
ART-VP-5	S1	IA-02	E201309686	7/19/2013	587096.1	729392.8	X	X	X	X	X
ART-VP-6	S1	IA-02	E201309688	7/29/2013	587091.5	729346.9	X	X	X	X	X
ART-VP-7	S1	IA-02	E201309689	7/23/2013	587064.5	729341.3	X	X	X	X	X

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ART-VP-8	S1	IA-02	E201309690	7/30/2013	587125.4	729327.8	X	X	X	X	X
ART-VP-9	S1	IA-02	E201309747	7/24/2013	587128.1	729349.4	X	X	X	X	X
BIOS-10B	S2	IA-06	E201509707	8/28/2015	586742.2	729099.8	X	X	X		X
BIOS-11B	S2	IA-06	E201509706	8/24/2015	586766.7	729084.4	X	X	X		X
BIOS-12B	S2	IA-06	E201509472	8/20/2015	586802.7	729070.3	X	X	X		X
BIOS-13B	S2	IA-06	E201509469	8/28/2015	586738.9	729064.1	X	X	X		X
BIOS-14B	S2	IA-06	E201509164	8/20/2015	586781.2	729036.6	X		X		X
BIOS-15B	S2	IA-06	E201509152	8/20/2015	586742.2	729029.5	X	X	X		X
BIOS-1B	S2	IA-06	E201507679	8/10/2015	586792.5	729179.1	X	X	X		X
BIOS-2B	S2	IA-06	E201507680	8/10/2015	586825.2	729158.9	X	X	X		X
BIOS-3B	S2	IA-06	E201507681	8/10/2015	586854.8	729140.1	X	X	X		X
BIOS-4B	S2	IA-06	E201507682	8/10/2015	586775.7	729152.3	X	X	X		X
BIOS-5B	S2	IA-06	E201507683	8/10/2015	586821	729124.1	X	X	X		X
BIOS-6B	S2	IA-06	E201507684	8/10/2015	586855.8	729102.4	X	X	X		X
BIOS-7B	S2	IA-06	E201509710	8/27/2015	586762.8	729123.6	X	X	X		X
BIOS-8B	S2	IA-06	E201509109	8/20/2015	586797.7	729100.3	X	X	X		X
BIOS-9B	S2	IA-06	E201509708	8/26/2015	586838.8	729076.1	X	X	X		X
CGSVE-1	S1	IA-06	E201314605	10/14/2013	586855.1	729281.8	X	X	X	X	X
CGVP-1	S1	IA-06	E201315037	10/17/2013	586865.8	729298.6	X	X	X	X	X
CGVP-10	S1	IA-06	E201315046	10/18/2013	586832.8	729213.7	X	X	X	X	X
CGVP-11	S1	IA-06	E201315047	10/18/2013	586798	729228.8	X	X	X	X	X
CGVP-12	S1	IA-06	E201315048	10/18/2013	586810.7	729221	X	X	X	X	X
CGVP-13	S1	IA-06	E201315049	10/18/2013	586840.3	729202.1	X	X	X	X	X
CGVP-14	S1	IA-06	E201315050	10/18/2013	586820.1	729207.7	X	X	X	X	X
CGVP-15	S1	IA-06	E201315051	10/18/2013	586817.6	729203.7	X	X	X	X	X
CGVP-16	S1	IA-06	E201315052	10/18/2013	586808.3	729197.8	X	X	X	X	X
CGVP-2	S1	IA-06	E201315038	10/17/2013	586860.2	729289.9	X	X	X	X	X
CGVP-3	S1	IA-06	E201315039	10/17/2013	586850.9	729284.2	X	X	X	X	X
CGVP-4	S1	IA-06	E201315040	10/17/2013	586829.4	729297.4	X	X	X	X	X
CGVP-5	S1	IA-06	E201315041	10/17/2013	586867.8	729273.6	X	X	X	X	X
CGVP-6	S1	IA-06	E201315042	10/18/2013	586850.9	729275.3	X	X	X	X	X
CGVP-7	S1	IA-06	E201315043	10/18/2013	586833.7	729247.8	X	X	X	X	X
CGVP-8	S1	IA-06	E201315044	10/18/2013	586834.3	729230.4	X	X	X	X	X
CGVP-9	S1	IA-06	E201315045	10/18/2013	586835.4	729217.9	X	X	X	X	X
CH-1	D4	IA-06	2600065933	10/25/2002	586730.7	729042.1	X	X	X	X	X
CH-10	D3	IA-04	2600069274	10/27/2003	587485.1	729462	X	X	X	X	X
CH-11	D3	IA-12	P200910166	8/27/2009	587880.7	729676.2	X	X	X	X	X
CH-12	D3	IA-12	P200910167	8/24/2009	588636.3	729143.6	X	X	X	X	X
CH-13	D3	IA-03	P200910168	10/20/2009	588338.5	728935.2	X	X	X		X
CH-13A	D4	IA-03	E201310614	8/14/2013	588338.5	728935.2	X	X	X		X
CH-14	D3	IA-03	P200910163	11/5/2009	587955.4	728938	X	X	X		X
CH-15	D3	IA-09	N/A	10/5/2009	587286.3	728875.5			X	X	X
CH-16	D3	IA-07	P200910152	9/18/2009	588060.3	728471.4	X	X	X	X	X
CH-17	D3	IA-11	P200910156	9/28/2009	587207.6	728161.3	X	X	X	X	X
CH-17 Port 1	S3	IA-11	E201119968-1	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 10	D3	IA-11	E201119968-10	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 11	D3	IA-11	E201119968-11	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 12	D3	IA-11	E201119968-12	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 2	D1	IA-11	E201119968-2	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 3	D1	IA-11	E201119968-3	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 4	D2	IA-11	E201119968-4	12/15/2011	587207.6	728161.3	X	X	X	X	X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

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					East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
CH-17 Port 5	D2	IA-11	E201119968-5	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 6	D2	IA-11	E201119968-6	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 7	D2	IA-11	E201119968-7	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 8	D2	IA-11	E201119968-8	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-17 Port 9	D2	IA-11	E201119968-9	12/15/2011	587207.6	728161.3	X	X	X	X	X
CH-18	D3	IA-07	P200910164	10/30/2009	587962.3	728026.5	X	X	X	X	X
CH-19	D3	IA-13	P200910165	10/13/2009	587671.1	727619.7	X	X	X	X	X
CH-2	D4	IA-10	2600066034	11/15/2002	586515.6	730464.2		X	X	X	X
CH-20	D3	IA-07	P200910154	9/9/2009	588155.4	728346.1	X	X	X	X	X
CH-3	D3	IA-10	2600069525	1/20/2004	585932.2	729997.3	X		X	X	X
CH-4	D3	IA-10	2600068945	9/15/2003	586504.9	729748.3	X	X	X	X	X
CH-5	D3	IA-10	2600068946	9/24/2003	586754.1	728567.8	X	X	X	X	X
CH-6	D4	IA-09	2600069196	10/9/2003	587325.3	729133.3	X	X	X	X	X
CH-7	D3	IA-07	2600069275	10/16/2003	587796.5	728561.5	X	X	X		X
CH-8	D3	IA-04	2600069273	11/4/2003	587027.5	729652.5	X	X	X	X	X
CH-9	D3	IA-10	2600069276	10/22/2003	586530.2	728779.7	X	X	X	X	X
DW-10B	D1	IA-11	E201218106	1/14/2013	587173.6	728451.2	X	X	X	X	X
DW-10C	D2	IA-11	E201218107	1/15/2013	587159.8	728460.1	X	X	X	X	X
DW-11B	D1	Offsite	E201300242	4/26/2013	586764	727529.8	X	X	X	X	X
DW-11D	D3	Offsite	E201300243	5/2/2013	586755	727514.7	X	X	X	X	X
DW-12A	D1	IA-04	E201300227	2/8/2013	587042.1	729676	X	X	X	X	X
DW-12B	D1	IA-04	E201300228	2/7/2013	587010.2	729663.6	X	X	X	X	X
DW-12C	D3	IA-04	E201301051	4/2/2013	587027.5	729652.5	X	X	X	X	X
DW-12CR	D3	IA-04	E201412451	11/4/2014	587021.9	729684.5	X	X	X	X	X
DW-13A	S3	IA-10	E201219022	1/10/2013	586543.1	728799	X	X	X	X	X
DW-13B	D1	IA-10	E201219023	1/10/2013	586509.9	728796.1	X	X	X	X	X
DW-13D	D3	IA-10	E201301053	4/3/2013	586530.2	728779.7	X	X	X	X	X
DW-13-D2	D2	IA-10	E201402656	3/19/2014	586527	728814	X	X	X	X	X
DW-14A	D1	IA-10	E201300229	4/5/2013	586485.1	729754.5	X	X	X	X	X
DW-14B	D2	IA-10	E201300230	2/26/2013	586501	729725.7	X	X	X	X	X
DW-14C	D3	IA-10	E201301074	4/5/2013	586504.9	729748.3	X	X	X	X	X
DW-15A	D1	IA-10	E201300233	2/5/2013	586501.6	730443.8	X	X	X	X	X
DW-15B	D2	IA-10	E201300234	2/19/2013	586536.7	730450.1	X	X	X	X	X
DW-15C	D3	IA-10	E201301077	3/29/2013	586515.6	730464.2	X	X	X	X	X
DW-16A	D1	IA-10	E201300231	3/28/2013	585961.9	729998.8	X	X	X	X	X
DW-16B	D2	IA-10	E201300232	4/2/2013	585937.3	730015.7	X	X	X	X	X
DW-16C	D3	IA-10	E201301078	4/2/2013	585932.2	729997.3	X	X	X	X	X
DW-17C	D1	IA-14	E201301431	4/26/2013	588315.2	726940.4	X	X	X	X	X
DW-17D	D2	IA-14	E201301432	3/29/2013	588299.9	726925.6	X	X	X	X	X
DW-18C	D1	Offsite	E201308557	8/22/2013	589867.8	728458.9	X	X	X	X	X
DW-18D	D3	Offsite	E201308559	8/27/2013	589860.8	728448.3	X	X	X	X	X
DW-19D	D3	IA-13	E201310393	8/14/2013	587671	727619.6	X	X	X	X	X
DW-1B	S1	Offsite	E201300236	4/23/2013	588850.3	727758.7	X	X	X	X	X
DW-1C	D1	Offsite	E201300237	4/25/2013	588862.5	727774.4	X	X	X	X	X
DW-1D	D3	Offsite	E201300238	5/1/2013	588845.5	727751.9	X	X	X	X	X
DW-20D	D4	IA-09	E201316242	10/2/2013	587325.2	729133.1	X	X	X	X	X
DW-21A	D1	IA-04	E201409432	7/28/2014	587478.1	729451.3	X	X	X	X	X
DW-21D	D3	IA-04	E201316252	10/3/2013	587485	729461.9	X	X	X	X	X
DW-22D	D4	IA-04	E201316254	10/11/2013	587448.9	729610.8	X	X	X	X	X
DW-23D	D4	IA-03	E201316255	10/21/2013	588358	728812.4	X	X	X	X	X
DW-24	D1	Offsite	E201314457	11/7/2013	587288.7	726074	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-25A	D1	IA-15	E201402662	4/22/2014	587411	727475.3	X	X	X	X	X
DW-25B	D2	IA-15	E201402661	5/8/2014	587442	727409.6	X	X	X	X	X
DW-25C	D3	IA-15	E201402660	7/28/2014	587431.1	727433.7	X	X	X	X	X
DW-25D	D4	IA-15	E201318583	3/14/2014	587436.3	727420.9	X	X	X	X	X
DW-25-D1	D1	IA-15	E201413490	12/10/2014	587443.1	727418	X	X	X	X	X
DW-26	D1	IA-06	E201318586	12/20/2013	586994.7	729189.6	X	X	X		X
DW-27A	D1	IA-10	E201318462	12/20/2013	586201.2	729545.2	X	X	X	X	X
DW-27B	D2	IA-10	E201315239	12/20/2013	586191.3	729550.7	X	X	X	X	X
DW-27C	D3	IA-10	E201402655	3/24/2014	586203.3	729558.8	X	X	X	X	X
DW-28A	D1	IA-12	E201402669	4/18/2014	588599.1	729432.3	X	X	X	X	X
DW-28B	D2	IA-12	E201402668	4/4/2014	588590.5	729432.8	X	X	X	X	X
DW-29A	D1	IA-12	E201317984	1/9/2014	588327.7	729592.1	X	X	X	X	X
DW-29B	D2	IA-12	E201315491	1/9/2014	588339	729594.5	X	X	X	X	X
DW-29C	D3	IA-12	E201402670	4/16/2014	588345.8	729581.4	X	X	X	X	X
DW-2B	S3	IA-12	E201217456	12/6/2012	588619.2	729154.4	X	X	X	X	X
DW-2D	D3	IA-12	E201301091	4/6/2013	588636.3	729143.6	X	X	X	X	X
DW-2-D1	D1	IA-12	E201402665	4/8/2014	588652	729143.8	X	X	X	X	X
DW-2-D2	D2	IA-12	E201402664	4/8/2014	588637.5	729123.3	X	X	X	X	X
DW-30A	D1	IA-12	E201317979	1/10/2014	587677.6	730002.2	X	X	X	X	X
DW-30B	D2	IA-12	E201315493	1/10/2014	587688.5	729995	X	X	X	X	X
DW-31A	D1	IA-12	E201402141	4/16/2014	587176.4	730300.5	X	X	X	X	X
DW-31B	D2	IA-12	E201402152	4/15/2014	587185.7	730294.7	X	X	X	X	X
DW-31C	D3	IA-12	E201402878	4/15/2014	587198	730293.3	X	X	X	X	X
DW-32A	D1	IA-12	E201318587	1/10/2014	586772.9	730479.2	X	X	X	X	X
DW-32B	D2	IA-12	E201315585	1/10/2014	586772.7	730469.5	X	X	X	X	X
DW-33A	D1	IA-10	E201401464	2/26/2014	586343.9	730549.1	X	X	X	X	X
DW-33B	D2	IA-10	E201318598	2/26/2014	586347.9	730558.6	X	X	X	X	X
DW-33C	D3	IA-10	E201402654	4/4/2014	586356	730544.6	X	X	X	X	X
DW-34A	D1	Private Road	E201318592	1/10/2014	585637	730430.1	X	X	X	X	X
DW-34B	D2	Private Road	E201315235	1/2/2014	585625.2	730437.9	X	X	X	X	X
DW-35A	D1	IA-10	E201318666	1/15/2014	586225.1	730001.8	X	X	X	X	X
DW-35B	D2	IA-10	E201408039	3/31/2014	586228.7	729991.1	X	X	X	X	X
DW-36A	D1	IA-03	E201402676	5/14/2014	588545.8	728744.7	X	X	X		X
DW-36B	D2	IA-03	E201402677	5/15/2014	588537.6	728750.9	X	X	X		X
DW-37A	D1	IA-07	E201401598	4/8/2014	588333.6	728476.1	X	X	X	X	X
DW-37B	D2	IA-07	E201400890	3/11/2014	588325.2	728464.3	X	X	X	X	X
DW-38A	D1	IA-07	E201401595	4/23/2014	588146	728209.8	X	X	X	X	X
DW-38B	D2	IA-07	E201400995	3/19/2014	588152.2	728215.4	X	X	X	X	X
DW-38C	D3	IA-07	E201407795	7/16/2014	588155.3	728346	X	X	X	X	X
DW-39A	D1	IA-13	E201402678	5/22/2014	587880.1	727554.8	X	X	X	X	X
DW-39B	D2	IA-13	E201402679	6/3/2014	587876.6	727543.6	X	X	X	X	X
DW-39C	D3	IA-13	E201402680	7/9/2014	587873.2	727532.4	X	X	X	X	X
DW-3B	S3	IA-07	E201218158	12/26/2012	587943.9	728010.4	X	X	X	X	X
DW-3C	D1	IA-07	E201302209	2/5/2013	587931.1	727996.8	X	X	X	X	X
DW-3-D2	D2	IA-07	E201402663	6/16/2014	587954.5	728019	X	X	X	X	X
DW-40A	D1	IA-10	E201402658	4/16/2014	586742.6	728573.9	X	X	X	X	X
DW-40B	D2	IA-10	E201402657	4/3/2014	586735.2	728562.6	X	X	X	X	X
DW-40C	D3	IA-10	E201410074	3/28/2014	586753.9	728567.8	X	X	X	X	X
DW-41C	D3	IA-03	E201407799	5/9/2014	587955.3	728937.9	X	X	X	X	X
DW-42A	D1	IA-11	E201406724	7/11/2014	587226.4	728047.1	X	X	X	X	X
DW-43A	D1	IA-07	E201409151	7/21/2014	587404.9	728503.5	X	X	X	X	X

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DW-44A	D1	IA-06	E201411569	9/4/2014	586734.3	729032.4	X	X	X		X
DW-44B	D2	IA-06	E201500795	8/28/2014	586730.4	729041.7	X	X	X		X
DW-44C	D3	IA-06	E201500796	8/28/2014	586730.6	729041.9	X	X	X		X
DW-45A	D1	IA-07	E201409402	8/1/2014	587503	729057.6	X	X	X	X	X
DW-46A	D1	IA-11	E201411570	9/19/2014	587420.2	728118.4	X	X	X		X
DW-47A	D1	Offsite	E201510850	9/17/2015	587214	727713.8	X	X	X		X
DW-49A	D1	Offsite	E201510511	9/16/2015	587435.6	727206.8	X	X	X		X
DW-4C	D1	Offsite	E201306325	7/19/2013	587427.1	726800.5	X	X	X	X	X
DW-4D	D3	Offsite	E201306324	6/28/2013	587414.1	726814.3	X	X	X	X	X
DW-50B	D1	IA-07	E201413975	10/13/2014	588060.2	728471	X	X	X	X	X
DW-50C	D2	IA-07	E201413976	10/13/2014	588060.3	728471.3	X	X	X	X	X
DW-51A	D1	IA-11	E201412450	10/7/2014	587330.9	727797.3	X	X	X		X
DW-52A	D1	IA-11	E201413312	10/15/2014	587361.5	727744.7	X	X	X		X
DW-53A	D1	IA-13	E201412639	10/8/2014	587481.6	727646.7	X	X	X	X	X
DW-54A	D1	IA-13	E201412396	9/29/2014	587596.9	727617.3	X	X	X	X	X
DW-55A	D1	IA-15	E201413491	12/10/2014	587384.3	727524.5	X	X	X	X	X
DW-56A	D1	IA-07	E201412868	12/10/2014	588140.1	728823.4	X	X	X	X	X
DW-57A	D1	IA-07	E201412869	12/10/2014	588239.8	728763.9	X	X	X	X	X
DW-58A	D1	IA-07	E201413476	12/19/2014	587746.1	728115	X	X	X	X	X
DW-59A	D1	IA-07	E201413477	12/19/2014	587820.5	728075.2	X	X	X	X	X
DW-5B	D1	IA-12	E201217457	3/6/2013	588270.6	729433.4	X	X	X	X	X
DW-5C	D2	IA-12	E201217460	1/15/2013	588261.4	729418.2	X	X	X	X	X
DW-60A	D1	IA-12	E201413479	12/4/2014	588457.3	729515.7	X	X	X	X	X
DW-61A	D1	IA-12	E201413480	1/29/2015	588435.2	729095.5	X	X	X	X	X
DW-62A	D1	IA-07	E201500443	3/12/2015	587750.9	728196.8	X	X	X	X	X
DW-63A	D1	IA-13	E201500479	4/9/2015	587415.8	727699.8	X	X	X	X	X
DW-64A	D1	Offsite	E201500412	2/26/2015	588651.2	729610.1	X	X	X		X
DW-65-105-S3	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-119-S3	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-126-S3	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-136-S3	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-145-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-154-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-167-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-176-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-185-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-199-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-211-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-221-D1	D1	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-239-D2	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-249-D2	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-262-D2	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-302-D2	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-331-D2	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-350-D2	D2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-60-S2	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-66-S2	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-73-S2	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-84-S2	S2	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-91-S3	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		
DW-65-96-S3	S3	IA-12	E201610167	12/7/2016	587008.9	730424.8	X	X	X		

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-67A	D1	IA-01	E201509855	10/27/2015	586834.1	729856.6	X	X	X		X
DW-67B	D2	IA-01	E201509857	10/27/2015	586836.9	729861.1	X	X	X		X
DW-68A	D1	IA-01	E201509856	10/23/2015	586884.9	729559.9	X	X	X		X
DW-68B	D2	IA-01	E201509858	10/27/2015	586889.4	729558.9	X	X	X		X
DW-69-104-S3	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-114-S3	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-134-S3	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-142-S3	S3	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-150-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-160-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-171-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-186-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-195-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-213-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-224-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-234-D1	D1	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-246-D2	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-260-D2	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-270-D2	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-283-D2	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-303-D2	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-375-D2	D2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-70-S2	S2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-69-86-S2	S2	Offsite	E201613406	2/2/2017	586461.1	732127.6	X	X	X		
DW-6B	D1	IA-07	E201218159	1/25/2013	587806	728578.8	X	X	X	X	X
DW-6C	D2	IA-07	E201218160	2/18/2013	587788.9	728575.6	X	X	X	X	X
DW-6D	D3	IA-07	E201301046	3/7/2013	587796.5	728561.5	X	X	X	X	X
DW-70-114-S3	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-123-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-131-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-140-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-150-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-160-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-174-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-189-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-205-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-219-D1	D1	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-231-D2	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-241-D2	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-261-D2	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-285-D2	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-350-D2	D2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-53-S2	S2	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-72-S3	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-83-S3	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-70-94-S3	S3	Offsite	E201613409	1/25/2017	586948.8	731528.9	X	X	X		
DW-72-113-S3	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-120-S3	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-136-S3	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-146-S3	S3	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-167-D1	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	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-72-176-D1	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-202-D1	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-217-D1	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-224-D1	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-237-D1	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-246-D1	D1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-263-D2	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-276-D2	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-288-D2	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-299-D2	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-316-D2	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-330-D2	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-375-D2	D2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-63-S1	S1	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-84-S2	S2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-72-99-S2	S2	Offsite	E201613407	1/30/2017	588890.6	729985.6	X	X	X		
DW-7A	D1	Offsite	E201411635	10/20/2014	588037.5	729994.2	X	X	X		X
DW-7B	D1	Offsite	E201305678	6/6/2013	588047.7	729990.1	X	X	X	X	X
DW-7C	D2	Offsite	E201305675	6/6/2013	588054.2	729993.3	X	X	X	X	X
DW-7D	D3	Offsite	E201305674	5/24/2013	588041.5	730001.1	X	X	X	X	X
DW-8A	D1	IA-12	E201217453	3/23/2013	587898.5	729677.7	X	X	X	X	X
DW-8B	D1	IA-12	E201217458	3/29/2013	587883.7	729655.5	X	X	X	X	X
DW-8C	D2	IA-12	E201217463	3/27/2013	587904.2	729649.7	X	X	X	X	X
DW-8D	D3	IA-12	E201301089	4/4/2013	587880.7	729676.2	X	X	X	X	X
DW-9A	S3	IA-03	E201217454	5/7/2013	587693.6	729195.9	X	X	X	X	X
DW-9B	D1	IA-03	E201217459	5/15/2013	587679.3	729192.9	X	X	X	X	X
DW-9D	D3	IA-03	E201217461	5/13/2013	587697.7	729181.6	X	X	X	X	X
EGSVE-1	S1	IA-06	E201305505	4/23/2013	586980.3	729170.1	X	X	X	X	X
EGSVE-2	S1	IA-06	E201306268	5/7/2013	586998.8	729171	X	X	X	X	X
EGSVE-3	S1	IA-06	E201306270	5/7/2013	586952.5	729197.1	X	X	X	X	X
EGSVE-4	S1	IA-06	E201307288	5/29/2013	587001.5	729175.5	X	X	X	X	X
EGVP-1	S1	IA-06	E201305511	4/24/2013	587001.6	729203.6	X	X	X	X	X
EGVP-10	S1	IA-06	E201305541	4/23/2013	586929.5	729168.9	X	X	X	X	X
EGVP-11	S1	IA-06	E201305542	4/25/2013	586925.1	729171.4	X	X	X	X	X
EGVP-12	S1	IA-06	E201305543	4/25/2013	586916.2	729166.2	X	X	X	X	X
EGVP-13	S1	IA-06	E201305547	4/25/2013	586924.4	729160.5	X	X	X	X	X
EGVP-14	S1	IA-06	E201305548	4/25/2013	586911.9	729168.7	X	X	X	X	X
EGVP-15	S1	IA-06	E201305549	4/25/2013	586919.5	729152.9	X	X	X	X	X
EGVP-16	S1	IA-06	E201305550	4/24/2013	586929.7	729140.6	X	X	X	X	X
EGVP-17	S1	IA-06	E201305551	4/25/2013	586915.3	729137.1	X	X	X	X	X
EGVP-18	S1	IA-06	E201309758	7/16/2013	586938.3	729256.4	X	X	X	X	X
EGVP-19	S1	IA-06	E201309776	7/16/2013	586983.9	729232.5	X	X	X	X	X
EGVP-2	S1	IA-06	E201305514	4/23/2013	586986	729179.1	X	X	X	X	X
EGVP-20	S1	IA-06	E201309777	7/17/2013	587046.6	729191.1	X	X	X	X	X
EGVP-21	S1	IA-06	E201309779	8/2/2013	586919.5	729226.3	X		X	X	X
EGVP-22	S1	IA-06	E201309795	7/17/2013	587024.8	729153.9	X	X	X	X	X
EGVP-23	S1	IA-06	E201309798	7/18/2013	586897.5	729191.3	X	X	X	X	X
EGVP-24	S1	IA-06	E201309799	7/15/2013	586996.7	729129.3	X	X	X	X	X
EGVP-25	S1	IA-06	E201309800	7/17/2013	586893.7	729136.2	X	X	X	X	X
EGVP-26	S1	IA-06	E201309803	7/18/2013	586944.9	729098.5	X	X	X	X	X
EGVP-27	S1	IA-06	E201310078	7/16/2013	586855.7	729124.1	X	X	X	X	X

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EGVP-28	S1	IA-06	E201310079	7/16/2013	586954.8	729051.8	X	X	X	X	X
EGVP-29	S1	IA-06	E201310080	7/17/2013	586878.9	729153.3	X	X	X	X	X
EGVP-3	S1	IA-06	E201305515	4/23/2013	586976.5	729173.2	X	X	X	X	X
EGVP-30	S1	IA-06	E201310081	7/15/2013	586910.9	729093.2	X	X	X	X	X
EGVP-31	S1	IA-06	E201310082	7/15/2013	586980.8	729131.9	X	X	X	X	X
EGVP-4	S1	IA-06	E201305516	4/23/2013	586954.4	729187.1	X	X	X	X	X
EGVP-5	S1	IA-06	E201305517	4/23/2013	586993.6	729162.5	X	X	X	X	X
EGVP-6	S1	IA-06	E201305521	4/23/2013	586976.4	729163.7	X	X	X	X	X
EGVP-7	S1	IA-06	E201305522	4/23/2013	586970.2	729153.8	X	X	X	X	X
EGVP-8	S1	IA-06	E201305524	4/23/2013	586945.2	729190.2	X	X	X	X	X
EGVP-9	S1	IA-06	E201305539	4/23/2013	586937.7	729177.8	X	X	X	X	X
EW-01	S2	IA-12	E201511979	10/16/2015	587951.7	729735.7	X	X	X	X	X
EW-26C	S3	IA-11	E201511797	10/20/2015	587424.9	727832.8	X	X	X	X	X
IA11-DTS-01	N/A	IA-11	E201610805	9/9/2016	587234.5	728249.6	X	X			
IA11-IG-1	N/A	IA-11	E201700945	1/27/2017	587231.8	728251.5	X	X		X	
IA11-VP10	S1	IA-11	E201508929	8/26/2015	587301.2	728217.9	X	X	X		X
IA11-VP11	S1	IA-11	E201508060	8/27/2015	587288.7	728350.4	X	X	X		X
IA11-VP12	S1	IA-11	E201508061	7/24/2015	587269.1	728327.1	X	X	X		X
IA11-VP13	S1	IA-11	E201508930	8/19/2015	587269.5	728196.5	X	X	X		X
IA11-VP14	S1	IA-11	E201508931	8/20/2015	587259.5	728190.1	X	X	X		X
IA11-VP15	S1	IA-11	E201508932	8/21/2015	587251.3	728161.4	X	X	X		X
IA11-VP16	S1	IA-11	E201508933	8/21/2015	587244.8	728192.8	X	X	X		X
IA11-VP17	S1	IA-11	E201508062	7/21/2015	587196.3	728318.7	X	X	X		X
IA11-VP18	S1	IA-11	E201508063	7/21/2015	587171.4	728330	X	X	X		X
IA11-VP19	S1	IA-11	E201508064	7/21/2015	587164.5	728302.1	X	X	X		X
IA11-VP22	S1	IA-11	E201508065	7/30/2015	587302.6	727914.2	X	X	X		X
IA11-VP23	S1	IA-11	E201508066	7/30/2015	587280.6	727908.7	X	X	X		X
IA11-VP24	S1	IA-11	E201508067	7/20/2015	587257.6	728046.3	X	X	X		X
IA11-VP25	S1	IA-11	E201508068	7/20/2015	587222.8	728061.2	X	X	X		X
IA11-VP26	S1	IA-11	E201508069	7/20/2015	587208	728118.4	X	X	X		X
IA11-VP27	S1	IA-11	E201508070	7/21/2015	587174.7	728118.6	X	X	X		X
IA11-VP28	S1	IA-11	E201509001	8/18/2015	587160.1	728207.7	X	X	X		X
IA11-VP29	S1	IA-11	E201509002	8/18/2015	587147.1	728196.6	X	X	X		X
IA11-VP5	S1	IA-11	E201508058	7/28/2015	587413.3	728106.8	X	X	X		X
IA11-VP6	S1	IA-11	E201508059	7/24/2015	587382.4	728122.9	X	X	X		X
IA11-VP7	S1	IA-11	E201508926	8/24/2015	587360.7	728170.3	X	X	X		X
IA11-VP8	S1	IA-11	E201508927	8/25/2015	587346.7	728199.2	X	X	X		X
IA11-VP9	S1	IA-11	E201508928	8/25/2015	587307.8	728232.1	X	X	X		X
IA12-VP1	S1	IA-12	E201412202	9/19/2014	587833.6	729679.1	X	X	X	x	X
IA12-VP10	S1	IA-12	E201509203	8/17/2015	587933.8	729846.8	X	X	X	X	X
IA12-VP11	S1	IA-12	E201511100	9/22/2015	588014.5	729704.3	X	X	X	X	X
IA12-VP12	S1	IA-12	E201511101	9/22/2015	588023	729698.5	X	X	X	X	X
IA12-VP13	S1	IA-12	E201509425	8/18/2015	587815.8	729737.6	X	X	X	X	X
IA12-VP14	S1	IA-12	E201509426	8/18/2015	587819.9	729734.5	X	X	X	X	X
IA12-VP15	S1	IA-12	E201509427	8/18/2015	587847.7	729694.4	X	X	X	X	X
IA12-VP16	S1	IA-12	E201509428	8/18/2015	587912.4	729674.4	X	X	X	X	X
IA12-VP17	S1	IA-04	E201506939	9/11/2015	587738	729606.3	X	X	X	X	X
IA12-VP18	S1	IA-04	E201506940	9/11/2015	587742	729602.9	X	X	X	X	X
IA12-VP19	S1	IA-03	E201506941	9/15/2015	587808.6	729565.2	X	X	X		X
IA12-VP2	S1	IA-12	E201412203	9/19/2014	587842.6	729687.7	X	X	X	X	X
IA12-VP20	S1	IA-03	E201506942	9/15/2015	587813.6	729561.8	X	X	X		X

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IA12-VP21	S1	IA-04	E201506943	9/14/2015	587681.7	729527.7	X	X	X	X	X
IA12-VP22	S1	IA-04	E201506944	9/14/2015	587678.2	729523.518	X	X	X	X	X
IA12-VP3	S1	IA-12	E201412204	9/19/2014	587800.1	729708.5	X	X	X	X	X
IA12-VP4	S1	IA-12	E201412205	9/19/2014	587869.9	729718.9	X	X	X	X	X
IA12-VP5	S1	IA-12	E201412206	9/19/2014	587892	729649	X	X	X	X	X
IA12-VP6	S1	IA-12	E201412207	9/19/2014	587899.7	729682.4	X	X	X	X	X
IA12-VP7	S1	IA-12	E201507764	8/4/2015	587867.6	729858.5	X	X	X	X	X
IA12-VP8	S1	IA-12	E201507765	8/4/2015	587872.8	729857.1	X	X	X	X	X
IA12-VP9	S1	IA-12	E201509202	8/17/2015	587937.3	729849.8	X	X	X	X	X
IA15-VP1	S1	IA-15	E201508995	8/17/2015	587496	727475.3	X	X	X	X	X
IA15-VP2	S1	IA-15	E201508050	8/4/2015	587397.6	727567.9	X	X	X	X	X
IA15-VP3	S1	IA-15	E201508051	8/3/2015	587386	727580.5	X	X	X	X	X
IA15-VP4	S1	IA-15	E201508052	8/4/2015	587379.9	727592.2	X	X	X	X	X
IA15-VP5	S1	IA-15	E201508053	8/6/2015	587378.1	727606.5	X	X	X	X	X
IA15-VP6	S1	IA-15	E201508996	8/12/2015	587476.6	727353.1	X	X	X	X	X
IA15-VP7	S1	IA-15	E201508997	8/12/2015	587428.3	727456.1	X	X	X	X	X
IA15-VP8	S1	IA-15	E201508998	8/13/2015	587434.6	727443.7	X	X	X	X	X
IA2-VP-01	S1	IA-06	E201503943	4/30/2015	587033.3	729204.9	X	X	X	X	X
IA2-VP-02	S1	IA-06	E201503945	4/30/2015	587027.6	729178.1	X	X	X	X	X
IA6-VP1	S1	IA-06	E201508919	9/1/2015	586780.9	729275.5	X	X	X		X
IA6-VP10	S1	IA-06	E201507706	8/3/2015	586841.7	729138.7	X	X	X		X
IA6-VP11	S1	IA-06	E201508925	9/1/2015	586807.6	729040.3	X	X	X		X
IA6-VP2	S1	IA-06	E201508920	9/1/2015	586788.9	729271.1	X	X	X		X
IA6-VP3	S1	IA-06	E201508921	9/2/2015	586811.5	729261.4	X	X	X		X
IA6-VP4	S1	IA-06	E201508922	9/3/2015	586843.2	729265.7	X	X	X		X
IA6-VP5	S1	IA-06	E201508923	9/3/2015	586863.3	729223.5	X	X	X		X
IA6-VP6	S1	IA-06	E201508924	9/4/2015	586818.7	729223.8	X	X	X		X
IA6-VP7	S1	IA-06	E201507703	8/3/2015	586763.4	729202.3	X	X	X		X
IA6-VP8	S1	IA-06	E201507704	7/29/2015	586791.5	729184.9	X	X	X		X
IA6-VP9	S1	IA-06	E201507705	7/29/2015	586800.7	729164	X	X	X		X
IA7-VP1	S1	IA-07	E201601287	2/8/2016	587513.1	729057.7	X	X	X		X
IA7-VP10	S1	IA-07	E201601295	2/9/2016	587448.9	728906.3	X	X	X		X
IA7-VP11	S1	IA-07	E201601298	2/9/2016	587376.9	728856.7	X	X	X		X
IA7-VP12	S1	IA-07	E201601296	2/9/2016	587430.2	728836.5	X	X	X		X
IA7-VP2	S1	IA-07	E201601288	2/8/2016	587621.2	728982.8	X	X	X		X
IA7-VP3	S1	IA-07	E201601289	2/9/2016	587443	729005.5	X	X	X		X
IA7-VP4	S1	IA-07	E201601290	2/9/2016	587486.6	729007	X	X	X		X
IA7-VP5	S1	IA-07	E201601291	2/8/2016	587534.6	728976.6	X	X	X		X
IA7-VP6	S1	IA-07	E201601292	2/9/2016	587437.8	728960	X	X	X		X
IA7-VP7	S1	IA-07	E201601293	2/9/2016	587485.6	728954.6	X	X	X		X
IA7-VP8	S1	IA-07	E201601294	2/8/2016	587551.7	728944.7	X	X	X		X
IA7-VP9	S1	IA-07	E201601297	2/9/2016	587370.2	728924.3	X	X	X		X
IW-100B	S2	IA-01	E201506957	8/4/2015	586884.5	729609.8	X	X	X		X
IW-100C	S3	IA-01	E201506958	7/31/2015	586884.8	729609.7	X	X	X		X
IW-101B	S2	IA-02	E201506959	7/17/2015	586943.6	729571.7	X	X	X	X	X
IW-101C	S3	IA-02	E201506960	7/13/2015	586943.7	729572	X	X	X	X	X
IW-102B	S2	IA-01	E201508402	8/24/2015	586822.7	729577.9	X	X	X		X
IW-102C	S3	IA-01	E201508403	8/20/2015	586822.7	729577.6	X	X	X		X
IW-103B	S2	IA-01	E201506961	7/30/2015	586881.4	729539.9	X	X	X		X
IW-103C	S3	IA-01	E201506962	7/30/2015	586881.7	729539.9	X	X	X		X
IW-104A	S1	IA-06	E201508788	8/25/2015	586820.2	729262	X	X	X		X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-105A	S1	IA-06	E201508789	8/25/2015	586809.7	729251.5	X	X	X		X
IW-106A	S1	IA-06	E201508790	8/31/2015	586803.1	729237.3	X	X	X		X
IW-107A	S1	IA-06	E201508791	8/25/2015	586836.6	729259.2	X	X	X		X
IW-108A	S1	IA-06	E201508792	8/31/2015	586829.3	729246.8	X	X	X		X
IW-109A	S1	IA-06	E201508793	8/31/2015	586823.2	729238.6	X	X	X		X
IW-10A	S1	IA-12	E201411657	9/19/2014	587862.6	729704.3	X	X	X	X	X
IW-10B-1	S1	IA-12	E201411689	9/19/2014	587859.4	729702.2	X	X	X	X	X
IW-10B-2	S2	IA-12	E201411690	9/12/2014	587854.3	729699.3	X	X	X	X	X
IW-10B3	S2	IA-12	E201509654	9/22/2015	587856.5	729707	X	X	X	X	X
IW-110A	S1	IA-06	E201508794	8/31/2015	586817.3	729228.4	X	X	X		X
IW-111A	S1	IA-06	E201508795	8/31/2015	586844.8	729245.9	X	X	X		X
IW-112A	S1	IA-06	E201508796	8/31/2015	586839.5	729233.8	X	X	X		X
IW-113A	S1	IA-06	E201508797	8/25/2015	586829.3	729224	X	X	X		X
IW-114C	S3	IA-11	E201509727	8/27/2015	587703.5	727916.7	X	X	X		X
IW-115A1	S1	IA-07	E201514671	1/12/2016	587485.1	729055.9	X	X	X		X
IW-115A2	S1	IA-07	E201514685	12/31/2015	587480.4	729059.4	X	X	X		X
IW-115B	S2	IA-07	E201514672	1/5/2016	587485.3	729056.1	X	X	X		X
IW-116A1	S1	IA-07	E201514673	1/8/2016	587527	729050.7	X	X	X		X
IW-116A2	S1	IA-07	E201514686	1/5/2016	587521.8	729053.6	X	X	X		X
IW-116B	S2	IA-07	E201514674	1/7/2016	587527.3	729050.7	X	X	X		X
IW-117A1	S1	IA-07	E201514675	1/12/2016	587573.3	729034.7	X	X	X		X
IW-117A2	S1	IA-07	E201514687	1/7/2016	587578.2	729031.7	X	X	X		X
IW-117B	S2	IA-07	E201514677	1/11/2016	587573.6	729034.8	X	X	X		X
IW-118A1	S1	IA-07	E201514676	1/15/2016	587628	728999.8	X	X	X		X
IW-118A2	S1	IA-07	E201514688	1/8/2016	587621.2	729003.9	X	X	X		X
IW-118B	S2	IA-07	E201514678	1/12/2016	587628	729000.1	X	X	X		X
IW-119A1	S1	IA-07	E201514679	1/12/2016	587458.7	729028.7	X	X	X		X
IW-119A2	S1	IA-07	E201514689	1/8/2016	587455.8	729024.6	X	X	X		X
IW-119B	S2	IA-07	E201514680	1/12/2016	587458.5	729028.8	X	X	X		X
IW-11A	S1	IA-12	E201410460	8/22/2014	587872.8	729662.1	X	X	X	X	X
IW-11B	S2	IA-12	E201410461	8/24/2014	587869.9	729664	X	X	X	X	X
IW-120A1	S1	IA-07	E201514681	1/12/2016	587507	729014.9	X	X	X		X
IW-120A2	S1	IA-07	E201514690	1/12/2016	587510.4	729012.7	X	X	X		X
IW-120B	S2	IA-07	E201514682	1/12/2016	587506.4	729015.2	X	X	X		X
IW-121A1	S1	IA-07	E201514861	1/12/2016	587517.7	728980.7	X	X	X		X
IW-121A2	S1	IA-07	E201514863	1/12/2016	587521.4	728978	X	X	X		X
IW-121B	S2	IA-07	E201514862	1/12/2016	587517.8	728981	X	X	X		X
IW-122A1	S1	IA-07	E201514683	1/12/2016	587564.8	728972.4	X	X	X		X
IW-122A2	S1	IA-07	E201514691	1/12/2016	587567.8	728969	X	X	X		X
IW-122B	S2	IA-07	E201514684	1/12/2016	587564.7	728972.7	X	X	X		X
IW-123A1	S1	IA-07	E201514775	2/3/2016	587407.3	728999.4	X	X	X		X
IW-123A2	S1	IA-07	E201514761	2/3/2016	587405.1	728995.5	X	X	X		X
IW-123B	S2	IA-07	E201514776	2/2/2016	587407.2	728999.5	X	X	X		X
IW-124A1	S1	IA-07	E201514777	1/8/2016	587450.8	728972.6	X	X	X		X
IW-124A2	S1	IA-07	E201514762	1/21/2016	587447	728967.9	X	X	X		X
IW-124B	S2	IA-07	E201514778	1/7/2016	587451	728972.2	X	X	X		X
IW-125A1	S1	IA-07	E201514779	12/30/2015	587491.2	728946.8	X	X	X		X
IW-125A2	S1	IA-07	E201514763	1/18/2016	587495.4	728944.1	X	X	X		X
IW-125B	S2	IA-07	E201514780	12/29/2015	587491	728946.8	X	X	X		X
IW-126A1	S1	IA-07	E201514781	1/29/2016	587369.9	728941.1	X	X	X		X
IW-126A2	S1	IA-07	E201514772	2/4/2016	587389.1	728952	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-126B	S2	IA-07	E201514782	1/28/2016	587369.7	728941	X	X	X		X
IW-127A1	S1	IA-07	E201514783	12/30/2015	587408.2	728930.1	X	X	X		X
IW-127A2	S1	IA-07	E201514773	12/23/2015	587405	728925.9	X	X	X		X
IW-127B	S2	IA-07	E201514784	12/29/2015	587408.4	728930.3	X	X	X		X
IW-128A1	S1	IA-07	E201514785	12/29/2015	587445.4	728893.9	X	X	X		X
IW-128A2	S1	IA-07	E201514774	12/23/2015	587449.4	728890.4	X	X	X		X
IW-128B	S2	IA-07	E201514786	12/28/2015	587445.8	728893.7	X	X	X		X
IW-129A1	S1	IA-07	E201514787	1/13/2016	587358.1	728905.6	X	X	X		X
IW-129A2	S1	IA-07	E201514767	1/7/2016	587355.5	728901	X	X	X		X
IW-12A	S1	IA-12	E201410462	9/2/2014	587892.3	729670.5	X	X	X	X	X
IW-12B	S2	IA-12	E201410186	9/2/2014	587887.1	729659.6	X	X	X	X	X
IW-130A1	S1	IA-07	E201514789	12/23/2015	587351.6	728862.9	X	X	X		X
IW-130A2	S1	IA-07	E201514768	12/28/2015	587348.6	728858	X	X	X		X
IW-130B	S2	IA-07	E201514790	12/22/2015	587351.3	728862.8	X	X	X		X
IW-131A1	S1	IA-07	E201514791	1/11/2016	587397.6	728868.3	X	X	X		X
IW-131A2	S1	IA-07	E201514769	1/20/2016	587401	728864.7	X	X	X		X
IW-131B	S2	IA-07	E201514792	1/8/2016	587397.5	728868.7	X	X	X		X
IW-132A1	S1	IA-07	E201514793	1/13/2016	587416.2	728824.7	X	X	X		X
IW-132A2	S1	IA-07	E201514770	1/19/2016	587418	728819.2	X	X	X		X
IW-132B	S2	IA-07	E201514794	1/12/2016	587416.4	728824.7	X	X	X		X
IW-136C2	S3	IA-11	E201507909	9/9/2015	587653.7	728157.5	X	X	X		X
IW-13A	S1	IA-12	E201410463	8/22/2014	587881.6	729691.5	X	X	X	X	X
IW-13B	S2	IA-12	E201410187	8/22/2014	587886	729688.5	X	X	X	X	X
IW-14	S2	IA-07	E201416604	1/21/2015	587381.4	728487.9	X	X	X	X	X
IW-146C	S3	IA-13	E201511687	10/16/2015	587515.7	727824.3	X	X	X	X	X
IW-15	S2	IA-07	E201416605	2/6/2015	587404.8	728474.1	X	X	X	X	X
IW-151C1	S3	IA-11	E201507923	8/4/2015	587366.9	728059.6	X	X	X		X
IW-151C2	S3	IA-11	E201507924	7/30/2015	587375.2	728064.5	X	X	X		X
IW-152B	S2	IA-13	E201509598	9/23/2015	587481	727706.7	X	X	X	X	X
IW-153C1	S3	IA-13	E201509582	9/21/2015	587443.9	727750.2	X	X	X	X	X
IW-153C2	S3	IA-13	E201509581	9/17/2015	587452.8	727754.2	X	X	X	X	X
IW-156B	S2	IA-11	E201509877	8/24/2015	587341.2	727912.8	X	X	X		X
IW-157B	S2	IA-11	E201509287	8/31/2015	587314.9	727964	X	X	X		X
IW-157C1	S3	IA-11	E201509286	8/27/2015	587314.2	727955.7	X	X	X		X
IW-157C2	S3	IA-11	E201509285	8/25/2015	587320.7	727960	X	X	X		X
IW-158B	S2	IA-11	E201509290	8/27/2015	587282	728016.8	X	X	X		X
IW-158C1	S3	IA-11	E201509289	8/24/2015	587279.3	728004.8	X	X	X		X
IW-158C2	S3	IA-11	E201509288	8/19/2015	587291.1	728011.4	X	X	X		X
IW-159C1	S3	IA-11	E201508243	8/20/2015	587378.1	728166.1	X	X	X		X
IW-159C2	S3	IA-11	E201508244	8/17/2015	587385.8	728176.1	X	X	X		X
IW-16	S2	IA-07	E201416606	2/12/2015	587400.3	728499.5	X	X	X	X	X
IW-160C2	S3	IA-11	E201510251	8/31/2015	587367	728248.2	X	X	X		X
IW-161B	S2	IA-11	E201507922	8/6/2015	587281.4	728299.5	X	X	X		X
IW-161C1	S3	IA-11	E201510254	8/26/2015	587291.6	728305.6	X	X	X		X
IW-161C2	S3	IA-11	E201510253	8/28/2015	587290.4	728294.6	X	X	X		X
IW-162B	S2	IA-11	E201509293	8/14/2015	587238.4	728334	X	X	X		X
IW-162C1	S3	IA-11	E201509292	8/12/2015	587228.5	728319.6	X	X	X		X
IW-162C2	S3	IA-11	E201509291	8/10/2015	587225	728326.7	X	X	X		X
IW-165C1	S3	IA-11	E201507896	8/25/2015	587487	728242.9	X	X	X		X
IW-165C2	S3	IA-11	E201507906	8/5/2015	587502.6	728239.1	X	X	X		X
IW-167C1	S3	IA-11	E201508109	8/7/2015	587370.6	728337.5	X	X	X		X

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IW-167C2	S3	IA-11	E201508110	8/5/2015	587378.2	728335.9	X	X	X		X
IW-168B	S2	IA-11	E201507919	7/22/2015	587242.7	728400.7	X	X	X		X
IW-168C1	S3	IA-11	E201507920	7/27/2015	587243.5	728392.3	X	X	X		X
IW-168C2	S3	IA-11	E201507921	7/31/2015	587252	728396.4	X	X	X		X
IW-17	S2	IA-07	E201416607	1/12/2015	587404.9	728548	X	X	X	X	X
IW-173B	S2	IA-15	E201509584	9/16/2015	587489.7	727492.7	X	X	X	X	X
IW-174B	S2	IA-15	E201509585	9/16/2015	587475.8	727519.3	X	X	X	X	X
IW-174C	S3	IA-15	E201509583	9/14/2015	587471.4	727529	X	X	X	X	X
IW-175C	S3	IA-15	E201512249	9/25/2015	587456	727557.6	X	X	X	X	X
IW-176B	S2	IA-15	E201510603	9/11/2015	587382.1	727597.8	X	X	X	X	X
IW-176C	S3	IA-15	E201510601	9/11/2015	587393.2	727599.8	X	X	X	X	X
IW-177B	S2	IA-15	E201509586	9/16/2015	587548.2	727481.9	X	X	X	X	X
IW-178B	S2	IA-15	E201509587	9/16/2015	587526.6	727528.3	X	X	X	X	X
IW-18	S2	IA-07	E201416608	1/22/2015	587426	728525.2	X	X	X	X	X
IW-180A	S1	IA-11	E201511196	9/22/2015	587232.7	728240.9	X	X	X		X
IW-180AR	S1	IA-11	E201701692	2/23/2017	587234.9	728240	X	X	X	X	
IW-181A	S1	IA-12	E201607387	7/11/2016	587961.8	729778.9	X	X	X		X
IW-181B2	S2	IA-12	E201607382	7/12/2016	587964.2	729784.5	X	X	X		X
IW-181B3	S2	IA-12	E201607388	7/5/2016	587961.4	729779.3	X	X	X		X
IW-182A	S1	IA-12	E201607389	7/5/2016	587930.9	729734.7	X	X	X		X
IW-182B2	S2	IA-12	E201607383	7/12/2016	587933.9	729738.7	X	X	X		X
IW-182B3	S2	IA-12	E201607390	7/5/2016	587930.5	729734.9	X	X	X		X
IW-183A	S1	IA-12	E201607391	7/5/2016	587970.1	729729.6	X	X	X		X
IW-183B2	S2	IA-12	E201607384	7/13/2016	587970.4	729734.7	X	X	X		X
IW-183B3	S2	IA-12	E201607392	7/5/2016	587969.6	729729.8	X	X	X		X
IW-184A	S1	IA-12	E201607394	7/11/2016	587996.8	729765.4	X	X	X		X
IW-184B	S2	IA-12	E201607398	6/30/2016	587993	729759.8	X	X	X		X
IW-185A	S1	IA-12	E201607395	7/12/2016	587962.4	729751.6	X	X	X		X
IW-185B	S2	IA-12	E201607399	7/6/2016	587959.2	729747.4	X	X	X		X
IW-186A	S1	IA-12	E201607396	7/11/2016	587919.9	729703	X	X	X		X
IW-186B	S2	IA-12	E201607400	7/8/2016	587928.2	729697.7	X	X	X		X
IW-187A1	S1	IA-03	E201609122	8/10/2016	587496.3	729126.3	X	X	X		X
IW-187A2	S1	IA-03	E201609131	8/9/2016	587498.8	729130.8	X	X	X		X
IW-187B	S2	IA-03	E201609126	8/8/2016	587495.7	729126.4	X	X	X		X
IW-188A1	S1	IA-03	E201609123	8/10/2016	587508.7	729099.7	X	X	X		X
IW-188A2	S1	IA-03	E201609132	8/9/2016	587514.8	729096.1	X	X	X		X
IW-188B	S2	IA-03	E201609127	8/8/2016	587508.4	729099.8	X	X	X		X
IW-189A1	S1	IA-07	E201609124	8/11/2016	587437.2	729063.8	X	X	X		X
IW-189A2	S1	IA-07	E201609133	8/9/2016	587433.1	729057.7	X	X	X		X
IW-189B	S2	IA-07	E201609128	8/11/2016	587436.9	729063.9	X	X	X		X
IW-19	S1	IA-07	E201500398	1/28/2015	587418.4	728550.1	X	X	X	X	X
IW-1C	S3	IA-11	E201405826	6/11/2014	587192.5	728197.3	X	X	X	X	X
IW-20	S1	IA-07	E201500399	1/22/2015	587430	728535.6	X	X	X	X	X
IW-21	S1	IA-07	E201500400	1/29/2015	587372.8	728474.5	X	X	X	X	X
IW-22	S1	IA-07	E201500401	1/22/2015	587382.6	728460.4	X	X	X	X	X
IW-23A	S1	IA-12	E201507543	8/5/2015	587883.4	729871.5	X	X	X	X	X
IW-23B2	S2	IA-12	E201507541	7/30/2015	587881.4	729866.4	X	X	X	X	X
IW-23B3	S2	IA-12	E201507544	8/4/2015	587883.8	729871.7	X	X	X	X	X
IW-24A	S1	IA-12	E201509199	8/26/2015	587948.9	729848.6	X	X	X	X	X
IW-24B2	S2	IA-12	E201509201	8/27/2015	587947.7	729844.8	X	X	X	X	X
IW-24B3	S2	IA-12	E201509200	8/25/2015	587949.1	729848.9	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-25A	S1	IA-12	E201509719	9/1/2015	587984	729819.8	X	X	X	X	X
IW-25B2	S2	IA-12	E201509721	9/18/2015	587980.9	729822.6	X	X	X	X	X
IW-25B3	S2	IA-12	E201509720	8/31/2015	587984.2	729820	X	X	X	X	X
IW-26A	S1	IA-12	E201507545	8/13/2015	587862.2	729853.6	X	X	X	X	X
IW-26B2	S2	IA-12	E201507542	8/7/2015	587862.4	729848.6	X	X	X	X	X
IW-26B3	S2	IA-12	E201507546	8/11/2015	587862.3	729853.9	X	X	X	X	X
IW-27A	S1	IA-12	E201511374	10/2/2015	587910.5	729814.5	X	X	X	X	X
IW-27B2	S2	IA-12	E201511376	9/28/2015	587904.7	729822.3	X	X	X	X	X
IW-27B3	S2	IA-12	E201511375	10/1/2015	587910.3	729814.7	X	X	X	X	X
IW-28A	S1	IA-12	E201509725	9/11/2015	587987.1	729796.9	X	X	X	X	X
IW-28B	S2	IA-12	E201509726	9/10/2015	587990.5	729793.2	X	X	X	X	X
IW-2C	S3	IA-11	E201405827	7/1/2014	587227.8	728187.7	X	X	X	X	X
IW-30A	S1	IA-12	E201509503	9/15/2015	587859.3	729798.7	X	X	X	X	X
IW-30B2	S2	IA-12	E201509505	9/4/2015	587856.6	729794.6	X	X	X	X	X
IW-30B3	S2	IA-12	E201509504	9/14/2015	587859.5	729798.8	X	X	X	X	X
IW-32A	S1	IA-12	E201509506	9/11/2015	587842	729778.7	X	X	X	X	X
IW-32B2	S2	IA-12	E201509508	9/10/2015	587842.8	729773.9	X	X	X	X	X
IW-32B3	S2	IA-12	E201509507	9/11/2015	587841.8	729778.6	X	X	X	X	X
IW-35A	S1	IA-12	E201509655	9/16/2015	587885.1	729728.8	X	X	X	X	X
IW-35B	S2	IA-12	E201509656	9/25/2015	587890.7	729728.3	X	X	X	X	X
IW-36A	S1	IA-12	E201509509	8/28/2015	587901.5	729688.7	X	X	X	X	X
IW-36B	S2	IA-12	E201509510	8/24/2015	587905.9	729686.2	X	X	X	X	X
IW-38A	S1	IA-12	E201507729	7/23/2015	587808.6	729723.2	X	X	X	X	X
IW-38B2	S2	IA-12	E201507731	7/22/2015	587814	729722.8	X	X	X	X	X
IW-38B3	S2	IA-12	E201507730	7/23/2015	587808.4	729723.2	X	X	X	X	X
IW-39A	S1	IA-12	E201507957	7/17/2015	587886.6	729693.2	X	X	X	X	X
IW-39B2	S2	IA-12	E201507952	7/15/2015	587888.8	729697.7	X	X	X	X	X
IW-39B3	S2	IA-12	E201507962	7/17/2015	587886.3	729693	X	X	X	X	X
IW-3C	S3	IA-11	E201405828	7/10/2014	587267.6	728159.8	X	X	X	X	X
IW-40A	S1	IA-12	E201507728	8/13/2015	587858.5	729689.7	X	X	X	X	X
IW-40B	S2	IA-12	E201507735	8/12/2015	587861.4	729693.2	X	X	X	X	X
IW-41A	S1	IA-12	E201507732	7/27/2015	587841.6	729676	X	X	X	X	X
IW-41B2	S2	IA-12	E201507734	7/24/2015	587846.8	729678	X	X	X	X	X
IW-41B3	S2	IA-12	E201507733	7/24/2015	587842	729675.9	X	X	X	X	X
IW-42A	S1	IA-12	E201506995	7/29/2015	587921.6	729676	X	X	X	X	X
IW-42B2	S2	IA-12	E201506989	8/4/2015	587924.2	729679	X	X	X	X	X
IW-42B3	S2	IA-12	E201506996	7/28/2015	587921.8	729675.8	X	X	X	X	X
IW-43A	S1	IA-12	E201506997	7/10/2015	587877.3	729651.9	X	X	X	X	X
IW-43B2	S2	IA-12	E201506990	7/8/2015	587883.1	729650.5	X	X	X	X	X
IW-43B3	S2	IA-12	E201506998	7/10/2015	587877	729652.1	X	X	X	X	X
IW-44A	S1	IA-04	E201506909	8/10/2015	587741.9	729615.5	X	X	X	X	X
IW-44B2	S2	IA-04	E201506921	8/7/2015	587745.4	729612.4	X	X	X	X	X
IW-44B3	S2	IA-04	E201506910	8/7/2015	587742.3	729615.4	X	X	X	X	X
IW-45A	S1	IA-03	E201506911	9/14/2015	587789.3	729596.8	X	X	X	X	X
IW-45B2	S2	IA-03	E201506922	9/14/2015	587785.3	729597.7	X	X	X	X	X
IW-45B3	S2	IA-03	E201506912	9/14/2015	587789	729597.1	X	X	X	X	X
IW-46A	S1	IA-03	E201506913	9/14/2015	587784.7	729558.3	X	X	X	X	X
IW-46B2	S2	IA-03	E201506923	9/14/2015	587789	729556.4	X	X	X	X	X
IW-46B3	S2	IA-03	E201506914	9/14/2015	587785.1	729557.9	X	X	X	X	X
IW-47A	S1	IA-04	E201506915	9/8/2015	587710.1	729568.4	X	X	X	X	X
IW-47B2	S2	IA-04	E201506924	9/9/2015	587713.9	729567.1	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
IW-47B3	S2	IA-04	E201506916	9/3/2015	587709.8	729568.3	X	X	X	X	X
IW-48A	S1	IA-03	E201506917	7/15/2015	587746.9	729533.7	X	X	X	X	X
IW-48B2	S2	IA-03	E201506925	7/7/2015	587743.9	729528.2	X	X	X	X	X
IW-48B3	S2	IA-03	E201506918	7/15/2015	587746.6	729533.6	X	X	X	X	X
IW-49A	S1	IA-03	E201506919	8/11/2015	587698.8	729513.1	X	X	X	X	X
IW-49B2	S2	IA-03	E201506926	7/16/2015	587698.4	729509.2	X	X	X	X	X
IW-49B3	S2	IA-03	E201506920	8/10/2015	587698.5	729513.1	X	X	X	X	X
IW-4C	S3	IA-11	E201406347	7/14/2014	587265.6	728167.5	X	X	X	X	X
IW-50A	S1	IA-12	E201509722	9/3/2015	588015.6	729788.6	X	X	X	X	X
IW-50B2	S2	IA-12	E201509724	9/4/2015	588011.7	729790.9	X	X	X	X	X
IW-50B3	S2	IA-12	E201509723	9/2/2015	588015.4	729788.6	X	X	X	X	X
IW-51A	S1	IA-12	E201508765	8/27/2015	588011.5	729732.9	X	X	X	X	X
IW-51B	S2	IA-12	E201508766	8/25/2015	588009.7	729728.9	X	X	X	X	X
IW-52A	S1	IA-12	E201508771	9/3/2015	588023.7	729746	X	X	X	X	X
IW-52B2	S2	IA-12	E201508767	9/4/2015	588021.6	729750	X	X	X	X	X
IW-52B3	S2	IA-12	E201508772	9/1/2015	588023.6	729745.5	X	X	X	X	X
IW-54A	S1	IA-12	E201508768	8/19/2015	587987.1	729691.5	X	X	X	X	X
IW-54B	S2	IA-12	E201508769	8/12/2015	587984.6	729687	X	X	X	X	X
IW-55A	S1	IA-12	E201508773	8/14/2015	587993.7	729707.4	X	X	X	X	X
IW-55B2	S2	IA-12	E201508770	8/7/2015	588000.1	729716.2	X	X	X	X	X
IW-55B3	S2	IA-12	E201508774	8/13/2015	587993.3	729707.3	X	X	X	X	X
IW-57A	S1	IA-12	E201506999	7/29/2015	587968.6	729665.1	X	X	X	X	X
IW-57B2	S2	IA-12	E201506991	8/4/2015	587971.6	729668.7	X	X	X	X	X
IW-57B3	S2	IA-12	E201507000	7/28/2015	587968.3	729665	X	X	X	X	X
IW-58A	S1	IA-12	E201506992	7/14/2015	587920.9	729654.7	X	X	X	X	X
IW-58B	S2	IA-12	E201506993	6/30/2015	587914.4	729648.2	X	X	X	X	X
IW-59A	S1	IA-12	E201507001	7/21/2015	587940.9	729629.8	X	X	X	X	X
IW-59B2	S2	IA-12	E201506994	7/23/2015	587944.9	729635.8	X	X	X	X	X
IW-59B3	S2	IA-12	E201507002	7/20/2015	587940.6	729629.9	X	X	X	X	X
IW-5C	S3	IA-11	E201406423	6/17/2014	587238	728226.9	X	X	X	X	X
IW-60B	S2	IA-01	E201506106	7/15/2015	587160.4	730111.8	X	X	X		X
IW-60C	S3	IA-01	E201506107	7/14/2015	587160.5	730111.5	X	X	X		X
IW-61B	S2	IA-04	E201506108	7/16/2015	587234.7	730065.8	X	X	X	X	X
IW-61C	S3	IA-04	E201506109	7/15/2015	587234.8	730066	X	X	X	X	X
IW-62B	S2	IA-01	E201506110	8/6/2015	587116.8	730096.9	X	X	X		X
IW-62C	S3	IA-01	E201506111	8/3/2015	587116.4	730097	X	X	X		X
IW-63B	S2	IA-01	E201506112	8/6/2015	587174.7	730060.5	X	X	X		X
IW-63C	S3	IA-01	E201506113	8/3/2015	587174.8	730060.3	X	X	X		X
IW-64B	S2	IA-04	E201506114	7/28/2015	587236.2	730023	X	X	X	X	X
IW-64C	S3	IA-04	E201506115	7/23/2015	587236	730023	X	X	X	X	X
IW-65A	S1	IA-01	E201508884	9/1/2015	587067.1	730082.2	X	X	X		X
IW-65B	S2	IA-01	E201508885	8/28/2015	587066.8	730081.9	X	X	X		X
IW-66A	S1	IA-01	E201508886	8/27/2015	587125.1	730044.8	X	X	X		X
IW-66B	S2	IA-01	E201508887	8/25/2015	587125	730044.4	X	X	X		X
IW-67A	S1	IA-04	E201508888	8/26/2015	587183.7	730006.7	X	X	X	X	X
IW-67B	S2	IA-04	E201508889	8/21/2015	587183.9	730007	X	X	X	X	X
IW-68A	S1	IA-04	E201506756	8/11/2015	587243.1	729969	X	X	X	X	X
IW-68B	S2	IA-04	E201506757	8/10/2015	587242.8	729969	X	X	X	X	X
IW-69A	S1	IA-01	E201508890	8/26/2015	587062.8	730012.8	X	X	X		X
IW-69B	S2	IA-01	E201508891	8/25/2015	587062.7	730012.5	X	X	X		X
IW-6B	S2	IA-11	E201407240	6/16/2014	587220	728208.1	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
IW-70A	S1	IA-01	E201508892	8/26/2015	587121.5	729974.8	X	X	X		X
IW-70B	S2	IA-01	E201508893	8/25/2015	587121.5	729975.1	X	X	X		X
IW-71A	S1	IA-04	E201506758	7/28/2015	587178.6	729936.5	X	X	X	X	X
IW-71B	S2	IA-04	E201506759	7/23/2015	587178.7	729936.8	X	X	X	X	X
IW-72A	S1	IA-04	E201507173	8/4/2015	587239.3	729899	X	X	X	X	X
IW-72B	S2	IA-04	E201507174	7/29/2015	587239.5	729898.9	X	X	X	X	X
IW-73A	S1	IA-01	E201509133	8/18/2015	587001.5	729979.9	X	X	X		X
IW-73B	S2	IA-01	E201509134	8/17/2015	587001.2	729979.9	X	X	X		X
IW-74A	S1	IA-01	E201509135	8/19/2015	587059.7	729942.6	X	X	X		X
IW-74B	S2	IA-01	E201509136	8/18/2015	587060	729942.8	X	X	X		X
IW-75A	S1	IA-04	E201508894	8/25/2015	587119.1	729904.2	X	X	X	X	X
IW-75B	S2	IA-04	E201508895	8/20/2015	587119.4	729904.4	X	X	X	X	X
IW-76A	S1	IA-04	E201507175	7/28/2015	587174.9	729866.6	X	X	X	X	X
IW-76B	S2	IA-04	E201507176	7/23/2015	587175.1	729866.7	X	X	X	X	X
IW-77A	S1	IA-01	E201508647	8/11/2015	586933	729936.7	X	X	X		X
IW-77B	S2	IA-01	E201508648	8/10/2015	586932.8	729936.4	X	X	X		X
IW-78A	S1	IA-01	E201509137	8/19/2015	586988.3	729908.2	X	X	X		X
IW-78B	S2	IA-01	E201509138	8/17/2015	586988.1	729908.2	X	X	X		X
IW-79A	S1	IA-05	E201508896	9/1/2015	587042.9	729868.2	X	X	X	X	X
IW-79B	S2	IA-05	E201508897	8/28/2015	587043.1	729868.4	X	X	X	X	X
IW-7C	S3	IA-11	E201407015	6/25/2014	587280.4	728107.2	X	X	X	X	X
IW-80A	S1	IA-04	E201507177	7/21/2015	587113.8	729834.3	X	X	X	X	X
IW-80B	S2	IA-04	E201507178	7/17/2015	587113.6	729834.2	X	X	X	X	X
IW-81B	S1	IA-01	E201505900	6/30/2015	586880.1	729891.3	X	X	X		X
IW-81C	S3	IA-01	E201505901	6/22/2015	586880.1	729891.7	X	X	X		X
IW-82B	S2	IA-01	E201505902	8/18/2015	586924.3	729868.1	X	X	X		X
IW-82C	S3	IA-01	E201505903	8/17/2015	586924.5	729868.5	X	X	X		X
IW-83B	S2	IA-01	E201508392	8/18/2015	586985.7	729829	X	X	X		X
IW-83C	S3	IA-01	E201508393	8/17/2015	586985.9	729829.4	X	X	X		X
IW-84B	S2	IA-01	E201508394	8/21/2015	587038	729796.4	X	X	X		X
IW-84C	S3	IA-01	E201508395	8/20/2015	587038.3	729796.3	X	X	X		X
IW-85B	S2	IA-04	E201508396	8/21/2015	587101.8	729760.1	X	X	X	X	X
IW-85C	S3	IA-04	E201508397	8/20/2015	587101.9	729760.416	X	X	X	X	X
IW-86B	S2	IA-01	E201505904	6/19/2015	586852.9	729846.2	X	X	X		X
IW-86C	S3	IA-01	E201505905	6/17/2015	586853.1	729846.6	X	X	X		X
IW-87B	S2	IA-01	E201508398	8/7/2015	586895.1	729818.9	X	X	X		X
IW-87C	S3	IA-01	E201508399	8/5/2015	586895	729818.6	X	X	X		X
IW-88B	S2	IA-01	E201508400	9/8/2015	586954.1	729781.2	X	X	X		X
IW-88C	S3	IA-01	E201508401	9/2/2015	586953.9	729780.9	X	X	X		X
IW-89B	S2	IA-01	E201506459	7/22/2015	587012.6	729742.8	X	X	X		X
IW-89C	S3	IA-01	E201506460	7/20/2015	587012.7	729743.1	X	X	X		X
IW-8A	S1	IA-12	E201410531	8/20/2014	587841.2	729720.5	X	X	X	X	X
IW-8B-1	S1	IA-12	E201410479	8/15/2014	587842.6	729724.3	X	X	X	X	X
IW-8B-2	S2	IA-12	E201410480	8/14/2014	587844.7	729728.5	X	X	X	X	X
IW-8B3	S2	IA-12	E201509652	9/21/2015	587844	729718.2	X	X	X	X	X
IW-90B	S2	IA-04	E201506461	7/20/2015	587071.8	729704.9	X	X	X	X	X
IW-90C	S3	IA-04	E201506462	7/13/2015	587071.8	729705.1	X	X	X	X	X
IW-91B	S2	IA-01	E201505906	6/30/2015	586832.7	729787.2	X	X	X		X
IW-91C	S3	IA-01	E201505907	6/22/2015	586832.8	729787.5	X	X	X		X
IW-92B	S2	IA-01	E201505908	8/21/2015	586891.7	729749.1	X	X	X		X
IW-92C	S3	IA-01	E201505909	8/20/2015	586891.8	729749.4	X	X	X		X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-93B	S2	IA-01	E201506951	8/3/2015	586949.9	729711.4	X	X	X		X
IW-93C	S3	IA-01	E201506952	7/31/2015	586950.1	729711.7	X	X	X		X
IW-94B	S2	IA-04	E201506463	9/8/2015	587009.3	729673.3	X	X	X	X	X
IW-94C	S3	IA-04	E201506464	9/2/2015	587009.3	729673.6	X	X	X	X	X
IW-95B	S2	IA-01	E201506226	8/18/2015	586826.4	729718.6	X	X	X		X
IW-95C	S3	IA-01	E201506227	8/14/2015	586826.2	729718.3	X	X	X		X
IW-96B	S2	IA-01	E201506953	8/4/2015	586885.8	729681.5	X	X	X		X
IW-96C	S3	IA-01	E201506954	7/31/2015	586885.4	729681.4	X	X	X		X
IW-97B	S2	IA-01	E201506955	7/17/2015	586946.8	729641.3	X	X	X		X
IW-97C	S3	IA-01	E201506956	7/13/2015	586946.9	729641.6	X	X	X		X
IW-98B	S2	IA-02	E201506465	7/17/2015	587005.9	729603.743	X	X	X	X	X
IW-98C	S3	IA-02	E201506466	7/13/2015	587006	729604.1	X	X	X	X	X
IW-99B	S2	IA-01	E201505910	8/24/2015	586826.1	729648.2	X	X	X		X
IW-99C	S3	IA-01	E201505911	8/20/2015	586826.3	729647.9	X	X	X		X
IW-9A	S1	IA-12	E201410530	8/21/2014	587859.5	729733.3	X	X	X	X	X
IW-9B-1	S1	IA-12	E201410159	8/8/2014	587864.5	729730.3	X	X	X	X	X
IW-9B-2	S2	IA-12	E201410160	8/25/2014	587867.9	729728.1	X	X	X	X	X
IW-9B3	S2	IA-12	E201509653	9/23/2015	587868.4	729733.6	X	X	X	X	X
MP-WSG-1	S1	IA-06	No Permit	12/6/2007	586688	729267.2			X	X	X
MP-WSG-10	S1	IA-06	2600086714	3/11/2008	586663.6	729240.6	X	X	X	X	X
MP-WSG-11	S1	IA-06	2600086715	3/11/2008	586655.4	729290.9	X	X	X	X	X
MP-WSG-12	S1	IA-06	2600086716	3/11/2008	586681	729337.5	X	X	X	X	X
MP-WSG-2	S1	IA-06	No Permit	12/6/2007	586674.8	729263.7			X	X	X
MP-WSG-3	S1	IA-06	No Permit	12/6/2007	586689.3	729254.9			X	X	X
MP-WSG-4	S1	IA-06	2600086708	3/11/2008	586716.1	729347.9	X	X	X	X	X
MP-WSG-5	S1	IA-06	2600086709	3/11/2008	586726	729311	X	X	X	X	X
MP-WSG-6	S1	IA-06	2600086710	3/11/2008	586720.4	729276.2	X	X	X	X	X
MP-WSG-7	S1	IA-06	2600086711	3/11/2008	586735.8	729233.2	X	X	X	X	X
MP-WSG-8	S1	IA-06	2600086712	3/11/2008	586708.8	729206	X	X	X	X	X
MP-WSG-9	S1	IA-06	2600086713	3/11/2008	586683.9	729224.4	X	X	X	X	X
MW-1	S1	IA-01	2600011827	11/19/1987	586830.1	730109.7	X	X	X	X	X
MW-10	S1	IA-03	2600011831	10/27/1987	588022.7	729045.7	X	X	X	X	X
MW-100	S1	IA-11	P200804384	12/17/2008	587322.1	727785.9	X	X	X	X	X
MW-101	S1	IA-11	P200804385	1/22/2009	587311.2	727792.5	X	X	X	X	X
MW-102	S1	IA-11	P200804386	12/10/2008	587256.2	727920.5	X	X	X	X	X
MW-103A	S1	Offsite	P200804387	1/12/2009	586910	728286.9	X	X	X	X	X
MW-103B	S2	Offsite	P200804397	2/5/2009	586914.6	728279.3	X	X	X	X	X
MW-104A	S1	Offsite	P200804388	1/20/2009	587022.3	728115.6	X	X	X	X	X
MW-104B	S2	Offsite	P200804398	1/20/2009	587026.2	728107.8	X	X	X	X	X
MW-104C	S3	Offsite	E201306606	6/3/2013	587017.6	728125.7	X	X	X	X	X
MW-105A	S1	Offsite	P200804389	1/27/2009	586769.3	728004.5	X	X	X	X	X
MW-105B	S2	Offsite	P200804399	2/5/2009	586765	727997.3	X	X	X	X	X
MW-106A	S1	Offsite	P200804390	1/29/2009	587094.4	727971.4	X	X	X	X	X
MW-106B	S2	Offsite	P200804400	1/26/2009	587097.7	727960.4	X	X	X	X	X
MW-107	S2	Offsite	P200804401	2/3/2009	587133.4	727711	X	X	X	X	X
MW-108A	S1	Offsite	P200804392	1/20/2009	587094.8	727639.8	X	X	X	X	X
MW-108B	S2	Offsite	P200804402	1/30/2009	587100.2	727635.1	X	X	X	X	X
MW-109	S1	Offsite	P200804393	1/15/2009	587087.5	728126.1	X	X	X	X	X
MW-11	S1	IA-03	2600011832	10/28/1987	587999.8	728946.3	X	X	X		X
MW-111	S1	IA-15	P200804395	12/11/2008	587335.2	727622.5	X	X	X	X	X
MW-112	S1	IA-15	P200804396	12/12/2008	587421.9	727449.3	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-112A	S1	IA-15	E201412398	9/24/2014	587436.7	727429.8	X	X	X	X	X
MW-112B	S2	IA-15	E201308427	6/20/2013	587415.4	727462.4	X	X	X	X	X
MW-112C	S3	IA-15	E201413487	10/24/2014	587430.7	727443.4	X	X	X	X	X
MW-113	S3	IA-12	P200910159	7/28/2009	587891.7	729693.2	X	X	X	X	X
MW-114	S2	IA-12	P200910160	8/6/2009	588646.5	729160.4	X	X	X	X	X
MW-114A	S1	IA-12	E201403604	4/28/2014	588661.5	729164.7	X	X	X	X	X
MW-115	S2	IA-03	P200910161	8/20/2009	588353.2	728921.4	X	X	X	X	X
MW-116	S3	IA-03	P200910162	10/30/2009	587951.6	728915.1	X	X	X	X	X
MW-117	S3	IA-09	E201311393	10/13/2009	587296.7	728892.7	X	X	X	X	X
MW-118	S2	IA-07	P200910151	10/9/2009	588077.6	728461.2	X	X	X	X	X
MW-118C	S3	IA-07	E201504142	5/14/2015	588051.1	728479.1	X	X	X	X	X
MW-119	S3	IA-11	P200910155	10/7/2009	587224.1	728167.1	X	X	X	X	X
MW-12	S1	IA-03	2600011833	11/10/1987	588120.5	728879.4	X	X	X	X	X
MW-120	S2	IA-07	P200910157	10/27/2009	587977.7	728039	X	X	X	X	X
MW-121	S3	IA-13	P200910158	9/17/2009	587690.2	727612.9	X	X	X	X	X
MW-122	S2	IA-07	P200910153	9/15/2009	588144.5	728328.8	X	X	X	X	X
MW-124A	S1	IA-15	E201308748	6/28/2013	587673.9	726942.4	X	X	X	X	X
MW-124B	S2	IA-15	E201000869	7/23/2010	587683	726964.8	X	X	X	X	X
MW-124C	S3	IA-15	E201304824	4/15/2013	587683.3	726953.2	X	X	X	X	X
MW-125	S1	IA-07	E201012850	10/15/2010	587596.4	728652	X	X	X	X	X
MW-125A	S2	IA-07	E201303085	3/23/2013	587573.3	728642.9	X	X	X	X	X
MW-126	S1	IA-10	E201012851	10/13/2010	586853.6	728465.1	X	X	X	X	X
MW-126B	S2	IA-10	E201405728	5/14/2014	586845.2	728471.5	X	X	X	X	X
MW-126C	S3	IA-10	E201405729	5/14/2014	586847.9	728459.2	X	X	X	X	X
MW-127	S1	IA-04	E201012848	10/12/2010	587627.8	729694.4	X	X	X	X	X
MW-128	S1	IA-07	E201012849	10/23/2010	587747.1	728764.5	X	X	X	X	X
MW-128B	S2	IA-07	E201314890	7/30/2013	587762.4	728790.9	X	X	X	X	X
MW-128C	S3	IA-07	E201306927	7/23/2013	587756.9	728782.4	X	X	X	X	X
MW-129	S1	IA-10	E201012950	10/11/2010	586452.9	729784.7	X	X	X	X	X
MW-13	S1	IA-02	2600011834	11/12/1987	587038.1	729332.2	X	X	X	X	X
MW-130	S1	IA-15	E201113438	9/15/2011	587505.3	727533	X	X	X	X	X
MW-131	S1	IA-14	E201113439	8/24/2011	587994.8	727346.1	X	X	X	X	X
MW-131B	S2	IA-14	E201403623	5/16/2014	587986.9	727340.7	X	X	X	X	X
MW-131C	S3	IA-14	E201403624	4/23/2014	588002.8	727348.9	X	X	X	X	X
MW-135	S1	IA-01	E201113441	8/19/2011	586789.3	729695.9	X	X	X	X	X
MW-136	S1	IA-01	E201113727	9/20/2011	586898.1	729586.1	X	X	X	X	X
MW-136B	S2	IA-01	E201416041	3/11/2015	586911.3	729581.5	X	X	X		X
MW-136C	S3	IA-01	E201415879	3/13/2015	586896.7	729572.2	X	X	X		X
MW-137	S1	IA-02	E201113728	9/23/2011	586971.8	729542.8	X	X	X	X	X
MW-138	S1	IA-11	E201115787	11/14/2011	587583.7	728174.8	X	X	X	X	X
MW-139	S1	IA-07	E201118758	11/16/2011	587531.3	729062.9	X	X	X	X	X
MW-139A	S1	IA-07	E201611544	9/27/2016	587530.9	729062.9	X	X	X		
MW-13AR	S1	IA-02	E201501065	3/17/2015	587037.3	729339.6	X	X	X	X	X
MW-14	S1	IA-09	2600011835	11/17/1987	587133	729236	X	X	X		X
MW-140	S3	IA-14	E201115793	11/8/2011	587727.9	727152.1	X	X	X	X	X
MW-141	S1	IA-13	E201113440	9/16/2011	587574.6	727860	X	X	X	X	X
MW-142	S1	IA-13	E201115790	9/13/2011	587469.9	727646.4	X	X	X	X	X
MW-142B	S2	IA-13	E201412637	9/26/2014	587476.2	727643.2	X	X	X	X	X
MW-142C	S3	IA-13	E201412638	9/30/2014	587475.6	727649.8	X	X	X	X	X
MW-143	S1	IA-13	E201115791	9/7/2011	587603.9	727606.3	X	X	X	X	X
MW-143B	S2	IA-13	E201403608	5/12/2014	587609.5	727618.8	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-143C	S3	IA-13	E201412330	9/23/2014	587610.6	727609.8	X	X	X	X	X
MW-144A	S1	Offsite	E201204687	4/17/2012	586982.2	727607.2	X	X	X	X	X
MW-144B	S2	Offsite	E201204690	4/17/2012	586982.4	727598.9	X	X	X	X	X
MW-145A	S1	Offsite	E201204688	4/30/2012	587435.1	727221.2	X	X	X	X	X
MW-145B	S2	Offsite	E201204691	5/7/2012	587430.1	727216.4	X	X	X	X	X
MW-145C	S3	Offsite	E201510510	9/18/2015	587435.9	727216.4	X	X	X		X
MW-146A	S1	Offsite	E201204689	4/24/2012	587569.5	726815.5	X	X	X	X	X
MW-146B	S2	Offsite	E201306327	7/17/2013	587487.1	726751.9	X	X	X	X	X
MW-146C	S3	Offsite	E201306326	7/17/2013	587466.7	726766.1	X	X	X	X	X
MW-148A	S2	IA-14	E201207238	5/18/2012	587897.6	726943.8	X	X	X	X	X
MW-148B	S3	IA-14	E201207239	5/21/2012	587907.2	726940.4	X	X	X	X	X
MW-149	S3	IA-14	E201301433	2/15/2013	588285	726910.5	X	X	X	X	X
MW-14A	S1	IA-09	2600043992	3/18/1996	587134.2	729232.4		X	X	X	X
MW-15	S1	IA-07	2600011826	11/14/1987	587337.8	728830.6		X	X		X
MW-150	S1	IA-03	E201303086	3/15/2013	587936.1	729105.4	X	X	X	X	X
MW-151	S1	IA-09	E201303809	4/1/2013	587291	729438	X	X	X	X	X
MW-152	S1	IA-09	E201303811	4/1/2013	587356.9	729403.2	X	X	X	X	X
MW-152B	S2	IA-09	E201405304	4/25/2014	587345.1	729401.6	X	X	X	X	X
MW-152BR	S2	IA-09	E201510906	9/21/2015	587345.4	729393.9	X	X	X	X	X
MW-152R	S1	IA-09	E201507724	7/15/2015	587357.4	729402.4	X	X	X	X	X
MW-153	S1	IA-09	E201303819	4/2/2013	587462.4	729335.4	X	X	X	X	X
MW-154	S1	IA-09	E201303820	4/3/2013	587428	729277.8	X	X	X	X	X
MW-154A	S1	IA-09	E201316881	11/15/2013	587425	729274.3	X	X	X	X	X
MW-154B	S2	IA-09	E201405307	5/9/2014	587425.1	729291.2	X	X	X	X	X
MW-154R	S1	IA-09	E201507726	7/13/2015	587427.4	729277	X	X	X	X	X
MW-155	S1	IA-06	E201304354	4/9/2013	587036	729152.2	X	X	X	X	X
MW-155R	S1	IA-06	E201507941	7/16/2015	587036	729152.3	X	X	X		X
MW-156	S1	IA-06	E201304355	4/9/2013	587027	729122.5	X	X	X	X	X
MW-156R	S1	IA-06	E201507942	7/16/2015	587027	729122.3	X	X	X		X
MW-157	S1	IA-06	E201304356	4/4/2013	586738.5	729229.5	X	X	X	X	X
MW-157B	S2	IA-06	E201415861	1/2/2015	586738.8	729258.5	X	X	X		X
MW-158	S1	IA-06	E201304357	4/11/2013	586933.2	729086.2	X	X	X	X	X
MW-158B	S2	IA-06	E201415862	12/30/2014	586942.7	729059.3	X	X	X		X
MW-159	S1	IA-06	E201304358	4/13/2013	586967.7	729037.8	X	X	X	X	X
MW-15A	S1	IA-07	2600051888	10/1/1998	587343.8	728836.9	X	X	X	X	X
MW-15B	S2	IA-07	2600051889	10/5/1998	587340	728829.9	X	X	X	X	X
MW-16	S1	IA-01	2600012044	11/5/1987	586785.3	730345.7	X	X	X	X	X
MW-160	S1	IA-06	E201304359	4/5/2013	586865.1	729103.8	X	X	X	X	X
MW-161	S1	IA-06	E201304360	4/8/2013	586812.8	729137.6	X	X	X	X	X
MW-162	S1	IA-06	E201304361	4/3/2013	586721.9	729181	X	X	X	X	X
MW-163	S1	IA-06	E201304362	4/2/2013	586687.4	729121.1	X	X	X	X	X
MW-164	S1	IA-09	E201303821	4/8/2013	587394.7	729074.2	X	X	X	X	X
MW-165	S1	IA-09	E201303826	4/5/2013	587160.9	729273.4	X	X	X	X	X
MW-166	S1	IA-09	E201303828	4/5/2013	587175.3	729296.3	X	X	X	X	X
MW-167A	S1	IA-09	E201304398	4/4/2013	587380.2	729272.5	X	X	X	X	X
MW-167B	S2	IA-09	E201304401	4/10/2013	587384.5	729270.2	X	X	X	X	X
MW-168A	S1	IA-09	E201304407	4/4/2013	587322.1	729309	X	X	X	X	X
MW-168B	S2	IA-09	E201304408	4/12/2013	587326.4	729306.5	X	X	X	X	X
MW-169A	S1	IA-09	E201304410	4/4/2013	587262.9	729345.9	X	X	X	X	X
MW-169B	S2	IA-09	E201304412	4/12/2013	587267	729343.6	X	X	X	X	X
MW-17	S1	IA-09	2600014984	12/8/1988	587075.7	729125.5	X	X	X	X	X

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MW-170	S1	IA-09	E201303829	4/2/2013	587410.6	729374.6	X	X	X	X	X
MW-170A	S1	IA-09	E201308753	7/12/2013	587402.8	729358.9	X	X	X	X	X
MW-170AR	S1	IA-09	E201510908	9/22/2015	587402.7	729358.6	X	X	X	X	X
MW-170B	S2	IA-09	E201308754	7/11/2013	587412.4	729358.8	X	X	X	X	X
MW-170BR	S2	IA-09	E201510907	9/18/2015	587412.1	729358.6	X	X	X	X	X
MW-170R	S1	IA-09	E201507725	7/14/2015	587411.9	729374.6	X	X	X	X	X
MW-171A	S1	Offsite	E201306954	8/16/2013	587218.3	727431.3	X	X	X	X	X
MW-171B	S2	Offsite	E201307651	8/19/2013	587222.1	727422.9	X	X	X	X	X
MW-171C	S3	Offsite	E201307673	8/21/2013	587213.7	727441.6	X	X	X	X	X
MW-172	S1	IA-11	E201306956	5/23/2013	587694.8	727873.3	X	X	X	X	X
MW-172C	S2	IA-11	E201308284	7/12/2013	587723.8	727935	X	X	X	X	X
MW-172-S3	S3	IA-11	E201407697	6/26/2014	587709.3	727913.3	X	X	X		X
MW-173	S1	IA-13	E201305193	4/17/2013	587512.2	727805.3	X	X	X	X	X
MW-173C	S3	IA-13	E201407273	6/17/2014	587494.2	727781.7	X	X	X	X	X
MW-174	S1	IA-04	E201303564	4/23/2013	587513.8	729572.8	X	X	X	X	X
MW-175	S1	IA-04	E201303565	4/26/2013	587587	729580.9	X	X	X	X	X
MW-176	S2	IA-04	E201303567	5/4/2013	N/A	N/A	X	X			
MW-177	S1	IA-04	E201303566	5/10/2013	587132.4	729896.2	X	X	X	X	X
MW-178	S1	IA-04	E201303568	4/30/2013	587599	729711.5	X	X	X	X	X
MW-179	S1	IA-04	E201303569	5/2/2013	587584	729768.1	X	X	X	X	X
MW-18	S1	IA-11	2600014980	12/8/1988	587252.2	728417.9	X	X	X	X	X
MW-180	S1	IA-04	E201303570	4/2/2013	587495.2	729861.4	X	X	X	X	X
MW-181	S2	IA-04	E201303571	4/16/2013	587379.4	729650.5	X	X	X	X	X
MW-182	S1	IA-04	E201303572	4/12/2013	587294.6	729889	X	X	X	X	X
MW-183	S1	IA-04	E201303573	4/1/2013	587434.8	729896.6	X	X	X	X	X
MW-183AR	S1	IA-04	E201512234	10/19/2015	587432.1	729899	X	X	X	X	X
MW-184	S1	IA-04	E201303574	4/5/2013	587366.7	729956.6	X	X	X	X	X
MW-185	S1	IA-04	E201303575	4/10/2013	587318.5	729972	X	X	X	X	X
MW-185AR	S1	IA-04	E201512232	10/20/2015	587314.5	729972.6	X	X	X	X	X
MW-186-2	S2	IA-02	E201306228	5/13/2013	587069.3	729359.3	X	X	X	X	X
MW-186A	S1	IA-02	E201304324	4/11/2013	587075.7	729358.4	X	X	X	X	X
MW-186AR	S1	IA-02	E201501064	3/17/2015	587081.3	729358.8	X	X	X	X	X
MW-186B	S3	IA-02	E201304325	5/7/2013	587072.5	729353.1	X	X	X	X	X
MW-187	S1	IA-03	E201303408	3/22/2013	587506	729142.5	X	X	X	X	X
MW-188	S1	IA-03	E201303409	3/29/2013	587783.2	729087.5	X	X	X	X	X
MW-189A	S1	IA-03	E201303410	3/19/2013	588020.2	728975	X	X	X	X	X
MW-189B	S2	IA-03	E201303411	3/26/2013	588012.6	728963.6	X	X	X	X	X
MW-19	S1	IA-07	2600014981	12/6/1988	587886.5	728762.4	X	X	X		X
MW-190A	S1	IA-03	E201303412	3/21/2013	588051.2	728989.2	X	X	X	X	X
MW-190B	S2	IA-03	E201303413	3/26/2013	588093.8	728963.3	X	X	X	X	X
MW-191A	S1	IA-03	E201303414	3/19/2013	588066.8	729040.9	X	X	X	X	X
MW-191B	S2	IA-03	E201303415	3/26/2013	588062.2	729031.8	X	X	X	X	X
MW-192	S1	IA-07	E201218665	12/14/2012	587327.6	728871.8	X	X	X	X	X
MW-193	S1	IA-07	E201218663	12/18/2012	587412.5	729006	X	X	X	X	X
MW-194	S1	IA-07	E201218664	12/18/2012	587455.4	729073.9	X	X	X	X	X
MW-195A	S1	IA-07	E201218666	12/14/2012	587440.1	728717.7	X	X	X	X	X
MW-196	S1	IA-07	E201218603	12/13/2012	587818.9	728552.7	X	X	X	X	X
MW-197	S1	IA-07	E201218604	12/12/2012	587793.3	728548.1	X	X	X	X	X
MW-198	S1	IA-07	E201218830	12/19/2012	587749.6	728522.5	X	X	X	X	X
MW-199	S1	IA-07	E201218831	12/19/2012	587765.9	728548.3	X	X	X	X	X
MW-19A	S1	IA-07	E201000867	4/22/2010	587874.6	728739.6	X	X	X	X	X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-1A	S1	IA-01	2600024654	11/1/1991	586881.6	730105		X	X	X	X
MW-2	S1	IA-04	2600011828	11/18/1987	587102.9	729744.2	X	X	X	X	X
MW-20	S1	IA-04	2600019596	3/20/1990	587314.5	729933.8	X	X	X	X	X
MW-200	S1	IA-04	E201303563	4/18/2013	587278.2	729679.5	X	X	X	X	X
MW-201	S1	Offsite	E201303451	3/21/2013	588019.4	730009	X	X	X	X	X
MW-201A	S1	Offsite	E201306049	5/2/2013	588021.3	730011.2	X	X	X	X	X
MW-201B	S2	Offsite	E201411640	10/16/2014	588034	730005.5	X	X	X		X
MW-201C	S3	Offsite	E201411639	10/17/2014	588029.9	729998.7	X	X	X		X
MW-202	S1	Offsite	E201303452	3/22/2013	588061.1	729979.1	X	X	X	X	X
MW-203	S1	Offsite	E201303453	3/22/2013	588184.6	729913.2	X	X	X	X	X
MW-204B	S2	IA-07	E201309685	7/24/2013	587536.4	728567	X	X	X	X	X
MW-204C	S3	IA-07	E201304823	7/23/2013	587527.3	728571.9	X	X	X	X	X
MW-205	S1	IA-10	E201305232	4/22/2013	586591.6	728745.6	X	X	X	X	X
MW-206B	S2	IA-10	E201304512	4/15/2013	586092.4	729862.6	X	X	X	X	X
MW-206C	S3	IA-10	E201302486	4/10/2013	586105.2	729854	X	X	X	X	X
MW-207A	S1	IA-10	E201304515	5/8/2013	586307.3	728999.2	X	X	X	X	X
MW-207B	S2	IA-10	E201304516	4/17/2013	586304.4	729020.2	X	X	X	X	X
MW-207C	S3	IA-10	E201302495	4/9/2013	586294.2	729009.1	X	X	X	X	X
MW-208A	S1	IA-10	E201304518	4/16/2013	586507.8	728650.3	X	X	X	X	X
MW-208B	S2	IA-10	E201304519	4/18/2013	586509.1	728672	X	X	X	X	X
MW-208C	S3	IA-10	E201302497	4/9/2013	586495.9	728660.1	X	X	X	X	X
MW-209A	S1	Offsite	E201306459	5/16/2013	586675.7	728173.8	X	X	X	X	X
MW-209B	S2	Offsite	E201306460	5/20/2013	586684.4	728175	X	X	X	X	X
MW-209C	S3	Offsite	E201306461	5/16/2013	586681.5	728170.6	X	X	X	X	X
MW-20AR	S1	IA-04	E201512233	10/20/2015	587317.8	729931.9	X	X	X	X	X
MW-21	S1	IA-09	2600036929	5/19/1994	587227	729206.7	X	X	X	X	X
MW-210	S1	IA-10	E201305233	4/19/2013	586364.9	729146	X	X	X	X	X
MW-211C	S3	IA-12	E201308508	6/14/2013	587839.2	729795.9	X	X	X	X	X
MW-212C	S3	IA-07	E201308786	5/31/2013	587487.3	729067.6	X	X	X	X	X
MW-213A	S1	Offsite	E201311461	9/3/2013	585871.9	728875	X	X	X	X	X
MW-213B	S1	Offsite	E201311462	8/23/2013	585877	728882.6	X	X	X	X	X
MW-213C	S2	Offsite	E201311466	8/27/2013	585866.1	728866.5	X	X	X	X	X
MW-214A	S1	Offsite	E201311468	9/5/2013	586290.3	728476.3	X	X	X	X	X
MW-214B	S2	Offsite	E201312148	8/22/2013	586293.1	728487.5	X	X	X	X	X
MW-214C	S3	Offsite	E201311480	9/4/2013	586284.7	728469.5	X	X	X	X	X
MW-215C	S3	Offsite	E201311204	8/15/2013	586748.1	727501.6	X	X	X	X	X
MW-216C	S3	Offsite	E201311207	8/13/2013	587128.2	727023.6	X	X	X	X	X
MW-217	S1	IA-04	E201308752	7/2/2013	587428.9	729402.4	X	X	X	X	X
MW-217B	S2	IA-09	E201405303	5/5/2014	587434.2	729390.3	X	X	X	X	X
MW-217BR	S2	IA-09	E201510905	9/18/2015	587434.4	729397.7	X	X	X	X	X
MW-218	S1	IA-07	E201309945	7/27/2013	587396.2	728492.8	X	X	X	X	X
MW-218B	S2	IA-07	E201316871	11/12/2013	587387.6	728489.4	X	X	X	X	X
MW-218C	S3	IA-07	E201316872	11/13/2013	587396.9	728483	X	X	X	X	X
MW-219	S1	IA-11	E201309448	7/10/2013	587295.5	728331.8	X	X	X	X	X
MW-22	S2	IA-06	2600036930	5/24/1994	586819	728789	X	X	X		X
MW-220	S1	IA-15	E201308747	6/26/2013	587478.5	727334	X	X	X	X	X
MW-221B	S2	IA-15	E201406105	6/10/2014	587552.2	727490.3	X	X	X	X	X
MW-221C	S3	IA-15	E201308424	6/13/2013	587523.7	727537.2	X	X	X	X	X
MW-222	S3	Offsite	E201313503	9/20/2013	588022	726107.5	X	X	X	X	X
MW-222C	D2	Offsite	E201311482	9/20/2013	588002.6	726102.6	X	X	X	X	X
MW-223B	S2	IA-10	E201313822	9/26/2013	586194.3	730193.2	X	X	X	X	X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

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					East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-223C	S3	IA-10	E201308432	6/12/2013	586197.7	730182.4	X	X	X	X	X
MW-224B	S2	IA-12	E201306922	7/18/2013	587889.6	729880	X	X	X	X	X
MW-225A	S1	IA-03	E201506927	9/17/2015	587778.3	729586.9	X	X	X		X
MW-225B	S2	IA-03	E201310884	8/5/2013	587772.8	729578.2	X	X	X	X	X
MW-225C	S3	IA-03	E201308280	7/30/2013	587781	729594.9	X	X	X	X	X
MW-226A	S1	IA-02	E201312045	8/22/2013	587112.2	729536.9	X	X	X	X	X
MW-226B	S2	IA-02	E201312046	8/22/2013	587113.4	729552	X	X	X	X	X
MW-226C	S3	IA-02	E201310696	8/6/2013	587122	729545.4	X	X	X	X	X
MW-227A	S1	IA-11	E201314571	10/8/2013	587433.1	728128.1	X	X	X	X	X
MW-227B	S2	IA-11	E201310697	9/4/2013	587425.3	728135.1	X	X	X	X	X
MW-227C	S3	IA-11	E201316258	10/9/2013	587439.3	728123.3	X	X	X	X	X
MW-228A	S1	IA-03	E201312279	9/18/2013	587964.1	729228.9	X	X	X	X	X
MW-228B	S2	IA-03	E201312278	9/18/2013	587951.2	729223.5	X	X	X	X	X
MW-228C	S3	IA-03	E201310702	8/6/2013	587962.5	729216.7	X	X	X	X	X
MW-229A	S1	IA-10	E201312140	8/12/2013	586100.4	730374.9	X	X	X	X	X
MW-229B	S2	IA-10	E201310971	8/14/2013	586090.3	730371.7	X	X	X	X	X
MW-229C	S3	IA-10	E201316183	8/6/2013	586103.2	730363.3	X	X	X	X	X
MW-22A	S2	IA-06	2600051883	9/29/1998	586803.5	728799.5	X	X	X	X	X
MW-23	S1	IA-12	2600036931	5/20/1994	587895.7	729748.6	X	X	X	X	X
MW-230B	S2	IA-10	E201310972	8/13/2013	586566.2	730470.7	X	X	X	X	X
MW-230C	S3	IA-10	E201315813	8/9/2013	586549.3	730479.7	X	X	X	X	X
MW-231B	S2	IA-12	E201310941	8/9/2013	587541.2	730073.1	X	X	X	X	X
MW-231C	S3	IA-12	E201316280	9/4/2013	587552.4	730069.3	X	X	X	X	X
MW-232B	S1	IA-12	E201310944	8/13/2013	588227.3	729655.3	X	X	X	X	X
MW-232C	S2	IA-12	E201315818	8/9/2013	588241.6	729650.4	X	X	X	X	X
MW-233C	S3	IA-12	E201306923	7/26/2013	587886.4	729794.2	X	X	X	X	X
MW-234B	S2	IA-12	E201306924	7/26/2013	587922.7	729806.9	X	X	X	X	X
MW-235	S1	IA-04	E201310946	9/21/2013	587338.1	729853.9	X	X	X	X	X
MW-236B	S2	Offsite	E201312196	9/10/2013	586507.2	727770.2	X	X	X		X
MW-236C	S3	Offsite	E201312197	9/17/2013	586501.7	727773.7	X	X	X		X
MW-237A	S1	IA-12	E201311727	8/19/2013	587192	730306	X	X	X	X	X
MW-237B	S2	IA-12	E201311726	4/18/2014	587191.8	730315.4	X	X	X	X	X
MW-237C	S3	IA-12	E201315220	12/31/2013	587182.9	730310.7	X	X	X	X	X
MW-238B	S2	IA-07	E201315054	10/11/2013	587199.9	728582.6	X	X	X	X	X
MW-238C	S3	IA-07	E201312547	9/12/2013	587190.8	728587.6	X	X	X	X	X
MW-239	S1	IA-03	E201315998	11/25/2013	587731.1	729510.9	X	X	X		X
MW-239C	S3	IA-03	E201506928	7/20/2015	587709.3	729526.9	X	X	X		X
MW-24	S1	IA-12	2600036932	5/25/1994	587875.7	729720.2	X	X	X	X	X
MW-240BR	S2	IA-02	E201406427	4/21/2014	587107.5	729422	X	X	X	X	X
MW-241B	S2	IA-02	E201401690	4/21/2014	587128.4	729375.7	X	X	X	X	X
MW-242	S1	IA-11	E201315995	11/6/2013	587089.7	728363.3	X	X	X		X
MW-243A	S1	IA-02	E201401691	4/17/2014	587130	729293.9	X	X	X	X	X
MW-243B	S2	IA-02	E201401692	4/22/2014	587132.3	729297.6	X	X	X	X	X
MW-244B	S2	IA-06	E201404218	4/22/2014	587041	729295.7	X	X	X	X	X
MW-245	S1	IA-10	E201315966	11/7/2013	586353.7	729652.4	X	X	X	X	X
MW-246B	S2	IA-02	E201401694	4/21/2014	587048.9	729394.2	X	X	X	X	X
MW-247A	S1	IA-09	E201403935	4/23/2014	587467.2	729229.5	X	X	X	X	X
MW-248A	S1	IA-07	E201403922	4/15/2014	587223.7	728656.1	X	X	X	X	X
MW-249A	S1	IA-07	E201403942	4/16/2014	587403.6	728643.4	X	X	X	X	X
MW-24A	S2	IA-12	E201316581	12/2/2013	587769.5	729748.1	X	X	X	X	X
MW-24B	S2	IA-12	E201316436	12/2/2013	587873	729685.2	X	X	X	X	X

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Hoffmann-La Roche Inc. - Nutley, NJ

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					East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-24C	S2	IA-03	E201316485	11/18/2013	587718.5	729540.5	X	X	X	X	X
MW-25	S1	IA-11	2600036933	5/27/1994	587135.2	728402.4	X	X	X	X	X
MW-250B	S2	IA-12	E201316180	9/20/2013	587766.5	729844.5	X	X	X	X	X
MW-251B	S2	IA-06	E201313819	9/25/2013	586923.8	729371	X	X	X	X	X
MW-251C	S3	IA-06	E201316077	9/20/2013	586918.9	729363.3	X	X	X	X	X
MW-252B	S2	IA-09	E201316263	9/27/2013	587190.2	729221.2	X	X	X	X	X
MW-252C	S3	IA-09	E201316071	9/20/2013	587183.1	729225.1	X	X	X	X	X
MW-253A	S1	IA-07	E201403936	4/21/2014	587454.2	728923.7	X	X	X	X	X
MW-253B	S2	IA-07	E201316269	9/30/2013	587463.7	728966.5	X	X	X	X	X
MW-253C	S3	IA-07	E201316270	9/25/2013	587456.6	728954.7	X	X	X	X	X
MW-254A	S1	IA-01	E201314612	10/21/2013	586927.3	730127.2	X	X	X	X	X
MW-254B	S1	IA-01	E201314609	10/16/2013	586929.2	730119.7	X	X	X	X	X
MW-255A	S1	IA-01	E201314613	10/21/2013	586923.3	729951.9	X	X	X	X	X
MW-255B	S1	IA-01	E201314610	10/21/2013	586927.3	729945.1	X	X	X	X	X
MW-256A	S1	IA-01	E201314614	10/22/2013	587027.6	729903.1	X	X	X		X
MW-256B	S1	IA-01	E201314611	10/16/2013	587020.4	729907.9	X	X	X	X	X
MW-257A	S1	Offsite	E201316278	10/16/2013	587160.1	727293.4	X	X	X		X
MW-257B	S2	Offsite	E201316279	10/2/2013	587166.7	727291.4	X	X	X		X
MW-258B	S2	Offsite	E201315392	10/29/2013	587280.1	726060.1	X	X	X		X
MW-258C	S3	Offsite	E201314458	10/29/2013	587287.2	726067.9	X	X	X		X
MW-259A	S1	IA-10	E201315227	10/17/2013	586239.9	729874.1	X	X	X	X	X
MW-259B	S2	IA-10	E201318463	12/18/2013	586246.7	729860.1	X	X	X	X	X
MW-259C	S3	IA-10	E201315587	1/15/2014	586236.7	729859	X	X	X	X	X
MW-25C	S3	IA-11	E201307248	6/4/2013	587134.8	728393.9	X	X	X	X	X
MW-26	S2	IA-11	2600036934	5/25/1994	587125.2	728384.7	X	X	X	X	X
MW-260C	S2	IA-03	E201310429	9/20/2013	588578.3	728709.4	X	X	X	X	X
MW-260-S3	S3	IA-03	E201403642	4/18/2014	588555.8	728737.5	X	X	X		X
MW-262A	S1	IA-09	E201316882	11/15/2013	587417.8	729372.6	X	X	X	X	X
MW-263B	S2	IA-12	E201317369	11/21/2013	587924	729822.5	X	X	X	X	X
MW-264B	S2	IA-06	E201318584	12/13/2013	586995.6	729183.4	X	X	X		X
MW-264C	S3	IA-06	E201318585	12/10/2013	587001.3	729185.1	X	X	X		X
MW-265B	S2	IA-12	E201318473	1/10/2014	587679.7	729994	X	X	X	X	X
MW-265C	S3	IA-12	E201403229	4/15/2014	587665.6	730002.1	X	X	X	X	X
MW-266A	S1	IA-12	E201318470	12/31/2013	586765.4	730470.2	X	X	X	X	X
MW-266B	S2	IA-12	E201318471	12/27/2013	586763.8	730461	X	X	X	X	X
MW-266C	S3	IA-12	E201318472	12/27/2013	586771.3	730459.4	X	X	X	X	X
MW-267A	S1	Private Road	E201400817	12/20/2013	585617.3	730443.2	X	X	X	X	X
MW-267B	S2	Private Road	E201318590	1/13/2014	585661.4	730413.3	X	X	X	X	X
MW-267C	S3	Private Road	E201318591	1/8/2014	585649.2	730421.7	X	X	X	X	X
MW-268B	S2	IA-10	E201318649	12/16/2013	586238.2	729992.6	X	X	X	X	X
MW-268C	S3	IA-10	E201318664	1/15/2014	586244.4	730001	X	X	X	X	X
MW-269A	S1	IA-07	E201401593	4/3/2014	588163.3	728226	X	X	X	X	X
MW-269C	S3	IA-07	E201401594	4/7/2014	588157.6	728220.5	X	X	X		X
MW-26A	S2	IA-11	2600043994	3/21/1996	587122.6	728387		X	X	X	X
MW-27	S1	IA-10	2600051886	10/1/1998	586461.5	729512.2	X	X	X	X	X
MW-270A	S1	IA-07	E201401596	3/26/2014	588348.5	728502.6	X	X	X		X
MW-270C	S3	IA-07	E201401597	3/28/2014	588341.1	728489.2	X	X	X		X
MW-271A	S1	IA-12	E201404694	5/6/2014	588622.5	729418	X	X	X	X	X
MW-271B	S2	IA-12	E201404618	5/6/2014	588609.8	729420.1	X	X	X	X	X
MW-271C	S3	IA-12	E201404615	5/5/2014	588618.4	729404.8	X	X	X	X	X
MW-272A	S1	IA-12	E201401599	2/25/2014	588327	729602.1	X	X	X	X	X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-272B	S2	IA-12	E201401600	3/21/2014	588317.2	729608.1	X	X	X	X	X
MW-272C	S3	IA-12	E201401601	3/21/2014	588317.2	729597.2	X	X	X	X	X
MW-273B	S2	IA-10	E201401462	2/11/2014	586351.6	730565.1	X	X	X	X	X
MW-273C	S3	IA-10	E201401463	2/18/2014	586357.6	730554.6	X	X	X	X	X
MW-274A	S1	IA-10	E201404620	2/24/2014	585896.9	730012.7	X	X	X	X	X
MW-274B	S2	IA-10	E201404621	4/28/2014	585902.8	730023.7	X	X	X	X	X
MW-274C	S3	IA-10	E201404622	4/29/2014	585909.7	730034.5	X	X	X	X	X
MW-275A	S1	IA-10	E201405042	5/2/2014	586682	728549.5	X	X	X	X	X
MW-275B	S2	IA-10	E201405043	5/6/2014	586671.4	728554.8	X	X	X	X	X
MW-275C	S3	IA-10	E201405044	5/1/2014	586659.1	728559.1	X	X	X	X	X
MW-276A	S1	IA-13	E201403620	4/3/2014	587900.3	727544.7	X	X	X	X	X
MW-276B	S2	IA-13	E201403621	4/8/2014	587896.9	727533.1	X	X	X	X	X
MW-276C	S3	IA-13	E201403622	4/16/2014	587892.6	727522	X	X	X	X	X
MW-277A	S1	IA-14	E201403625	4/24/2014	588433.7	727218.7	X	X	X	X	X
MW-277B	S2	IA-14	E201403626	4/25/2014	588428.9	727211.4	X	X	X	X	X
MW-277C	S3	IA-14	E201403716	5/5/2014	588420.2	727206	X	X	X	X	X
MW-278A	S1	IA-15	E201404150	4/15/2014	587608.4	727108.3	X	X	X	X	X
MW-278B	S2	IA-15	E201404154	4/21/2014	587616.2	727091.7	X	X	X	X	X
MW-27B	S2	IA-10	E201409380	7/29/2014	586443.9	729515	X	X	X	X	X
MW-27C	S3	IA-10	E201409381	7/31/2014	586449.7	729502.5	X	X	X	X	X
MW-28	S1	IA-10	2600051887	10/1/1998	586448	729455	X	X	X	X	X
MW-280A	S1	IA-10	E201403605	4/9/2014	586279.7	730396.4	X	X	X	X	X
MW-280B	S2	IA-10	E201403606	4/16/2014	586274.7	730386.4	X	X	X	X	X
MW-280C	S3	IA-10	E201403607	4/17/2014	586270.1	730376.9	X	X	X	X	X
MW-281A	S1	IA-10	E201401090	1/29/2014	586208.2	729895.1	X	X	X	X	X
MW-282A	S1	IA-10	E201401091	1/27/2014	586230.4	729927.2	X	X	X	X	X
MW-283A	S1	IA-10	E201401092	1/27/2014	586261.9	729903	X	X	X	X	X
MW-284A	S1	IA-10	E201401093	1/27/2014	586293.4	729882.5	X	X	X	X	X
MW-285A	S1	IA-10	E201401094	1/28/2014	586271.6	729850.2	X	X	X	X	X
MW-286A	S1	IA-10	E201401095	1/28/2014	586249.3	729818.7	X	X	X	X	X
MW-287A	S1	IA-10	E201401096	1/28/2014	586216.2	729842.1	X	X	X	X	X
MW-288A	S1	IA-07	E201403943	4/15/2014	587459.1	728610	X	X	X	X	X
MW-288B	S2	IA-07	E201403944	4/15/2014	587466.6	728623	X	X	X	X	X
MW-289A	S1	IA-07	E201403937	4/16/2014	587343.2	728549.5	X	X	X	X	X
MW-29	S1	IA-10	2600053982	5/4/1999	586437.9	730566.1	X	X	X	X	X
MW-290A	S1	IA-07	E201403938	4/16/2014	587312.6	728496.3	X	X	X	X	X
MW-291A	S1	IA-07	E201403939	4/18/2014	587432.2	728468.2	X	X	X	X	X
MW-292A	S1	IA-07	E201403940	4/14/2014	587347.7	728434.4	X	X	X	X	X
MW-292B	S2	IA-07	E201403941	4/14/2014	587339.2	728420.9	X	X	X	X	X
MW-293A	S1	IA-07	E201403934	4/21/2014	587609.2	728999.5	X	X	X	X	X
MW-294A	S1	IA-12	E201404288	4/18/2014	587975.6	729755.6	X	X	X	X	X
MW-294C	S3	IA-12	E201511977	10/9/2015	587933.9	729748.3	X	X	X	X	X
MW-295A	S1	IA-12	E201404289	4/17/2014	587944.9	729711.1	X	X	X	X	X
MW-295B	S2	IA-12	E201404291	4/17/2014	587945.8	729704.6	X	X	X	X	X
MW-295C	S3	IA-12	E201511978	10/13/2015	587940.4	729709.5	X	X	X	X	X
MW-296A	S1	IA-12	E201404290	4/23/2014	587892.5	729655	X	X	X	X	X
MW-297B	S2	IA-09	E201405301	5/8/2014	587360.3	729437	X	X	X	X	X
MW-298B	S2	IA-09	E201405302	5/6/2014	587393.4	729416.5	X	X	X	X	X
MW-299B	S2	IA-09	E201405305	4/28/2014	587379	729380.2	X	X	x	X	X
MW-2B	S2	IA-04	E201501289	4/14/2015	587109	729740.1	X	X	X	X	X
MW-2C	S3	IA-04	E201501290	4/14/2015	587115.8	729735.7	X	X	X	X	X

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Well Documentation Log
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					East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-3	S2	IA-12	2600011829	10/28/1987	588532	728954.2	X	X	X	X	X
MW-30	S1	IA-10	2600053315	5/5/1999	586547.5	729787.2	X	X	X	X	X
MW-300B	S2	IA-09	E201405306	4/30/2014	587465.2	729342.3	X	X	X	X	X
MW-301C	S3	IA-11	E201405946	5/30/2014	587247.2	728055	X	X	X	X	X
MW-302C	S3	IA-11	E201407274	7/2/2014	587542.7	728022.5	X	X	X	X	X
MW-303C	S3	IA-11	E201407275	6/9/2014	587400.6	727914.6	X	X	X	X	X
MW-304A	S1	Offsite	E201510844	9/14/2015	587206.2	727725.7	X	X	X		X
MW-304B	S2	Offsite	E201510845	9/15/2015	587211.9	727718.8	X	X	X		X
MW-304C	S3	Offsite	E201510846	9/18/2015	587212.9	727739.8	X	X	X		X
MW-305B	S2	IA-02	E201405519	5/29/2014	587123.8	729443.3	X	X	X	X	X
MW-306B	S2	IA-02	E201405520	5/29/2014	587058.2	729502	X	X	X	X	X
MW-307B	S2	IA-02	E201405593	5/22/2014	587022	729406.8	X	X	X	X	X
MW-308B	S2	IA-02	E201405521	5/22/2014	587120.6	729314.6	X	X	X	X	X
MW-309A	S1	IA-02	E201405594	5/13/2014	587146	729288.7	X	X	X	X	X
MW-31	S1	IA-10	2600053316	5/5/1999	586509.5	729566.8	X	X	X	X	X
MW-310A	S1	IA-02	E201405522	5/29/2014	587099.2	729300.3	X	X	X	X	X
MW-311C	S3	IA-02	E201405523	5/20/2014	587096.9	729438.7	X	X	X	X	X
MW-312B	S2	IA-02	E201405524	5/23/2014	587132.9	729461	X	X	X	X	X
MW-313B	S2	IA-02	E201405525	5/27/2014	587067.7	729449.3	X	X	X	X	X
MW-314B	S2	IA-02	E201405595	5/19/2014	587004.6	729417	X	X	X	X	X
MW-315B	S2	IA-02	E201405526	5/23/2014	587146.5	729479.7	X	X	X	X	X
MW-316B	S2	IA-02	E201405596	5/21/2014	586985.1	729433.8	X	X	X	X	X
MW-317A	S1	IA-06	E201405749	5/16/2014	586759.6	729071.7	X	X	X	X	X
MW-317B	S2	IA-06	E201405732	6/17/2014	586749.6	729070.6	X	X	X	X	X
MW-317C	S3	IA-06	E201405733	6/17/2014	586753.4	729079.9	X	X	X	X	X
MW-318A	S1	IA-06	E201405750	5/30/2014	586818.3	729178.4	X	X	X	X	X
MW-318B	S2	IA-06	E201507689	8/5/2015	586813.6	729181.6	X	X	X		X
MW-319B	S2	IA-10	E201405730	6/19/2014	586641.9	728858	X	X	X	X	X
MW-319C	S3	IA-10	E201405731	6/19/2014	586633.6	728862.7	X	X	X	X	X
MW-32	S1	IA-10	2600053317	5/6/1999	586228	729760	X	X	X	X	X
MW-320C	S3	IA-06	E201405734	6/16/2014	586808.4	728727.7	X	X	X	X	X
MW-321A	S1	IA-06	E201405565	5/27/2014	586879.1	729070	X	X	X	X	X
MW-321B	S2	IA-06	E201509975	9/10/2015	586873.6	729069.4	X	X	X		X
MW-321C	S3	IA-06	E201511672	9/25/2015	586868.7	729071.9	X	X	X		X
MW-322A	S1	IA-06	E201405751	5/30/2014	586973.2	729123.1	X	X	X	X	X
MW-323A	S1	IA-09	E201405816	6/9/2014	586916.4	728893.9	X	X	X	X	X
MW-323B	S2	IA-09	E201405735	6/17/2014	586919.8	728899.5	X	X	X	X	X
MW-323C	S3	IA-09	E201405736	6/17/2014	586924.2	728905.5	X	X	X	X	X
MW-324B	S2	IA-11	E201406425	6/12/2014	587241	728219.7	X	X	X	X	X
MW-325B	S2	IA-11	E201407241	6/11/2014	587222.2	728202.8	X	X	X	X	X
MW-326B	S2	IA-11	E201407909	6/20/2014	587214.9	728184.4	X	X	X	X	X
MW-327B	S2	IA-11	E201409081	7/17/2014	587273.1	728157.3	X	X	X	X	X
MW-329C	S3	IA-11	E201408365	7/3/2014	587241.9	728155.8	X	X	X	X	X
MW-33	S1	IA-11	2600056730	3/8/2000	587198.4	728032.9	X	X	X	X	X
MW-330C	S3	IA-11	E201408366	7/1/2014	587212.7	728150.6	X	X	X	X	X
MW-331C	S3	IA-11	E201408210	7/18/2014	587164.7	728160.8	X	X	X	X	X
MW-332B	S2	IA-11	E201501507	3/9/2015	587219.1	728132	X	X	X		X
MW-332C	S3	IA-11	E201407382	6/16/2014	587222.9	728124.1	X	X	X	X	X
MW-333C	S3	IA-11	E201407156	6/20/2014	587187.4	728088.7	X	X	X	X	X
MW-334B	S2	IA-15	E201406106	6/12/2014	587458.6	727550.1	X	X	X	X	X
MW-335A	S1	IA-15	E201411514	9/5/2014	587505.2	727458.4	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
MW-335B	S2	IA-15	E201406107	5/30/2014	587508.7	727454.3	X	X	X	X	X
MW-336B	S2	IA-15	E201406108	5/27/2014	587560.3	727413.5	X	X	X	X	X
MW-336C	S3	IA-15	E201406773	6/6/2014	587565.6	727408.3	X	X	X	X	X
MW-337B	S2	IA-15	E201406109	6/19/2014	587400.4	727495.9	X	X	X	X	X
MW-337C	S3	IA-15	E201413488	1/13/2015	587406.4	727484.1	X	X	X	X	X
MW-338A	S1	Offsite	E201511404	9/21/2015	587285.8	727564.3	X	X	X		X
MW-338B	S2	Offsite	E201511061	9/22/2015	587278.9	727557.3	X	X	X		X
MW-338C	S3	Offsite	E201511062	9/23/2015	587276.641	727563.7	X	X	X		X
MW-339A	S1	Offsite	E201511051	9/18/2015	587346.1	727441.9	X	X	X		X
MW-339B	S2	Offsite	E201511052	9/18/2015	587337.9	727443	X	X	X		X
MW-339C	S3	Offsite	E201511053	9/22/2015	587343	727451.8	X	X	X		X
MW-33A	S1	IA-11	E201315953	11/12/2013	587193	728032.1	X	X	X	X	X
MW-33B	S1	IA-11	E201315952	11/13/2013	587194.6	728028.8	X	X	X	X	X
MW-34	S1	IA-03	2600053357	4/30/1999	588359.9	728965.5	X	X	X	X	X
MW-340A	S1	Offsite	E201510847	9/21/2015	587402.2	727336.7	X	X	X		X
MW-340B	S2	Offsite	E201510848	9/22/2015	587406.2	727328.4	X	X	X		X
MW-340C	S3	Offsite	E201510849	9/23/2015	587396.2	727328.5	X	X	X		X
MW-341A	S1	IA-02	E201603927	4/12/2016	587083	729357.8	X	X	X	X	X
MW-342A	S1	IA-02	E201603928	4/13/2016	587101.4	729378	X	X	X	X	X
MW-343A	S1	IA-02	E201603929	4/13/2016	587063.2	729379.5	X	X	X	X	X
MW-344C	S3	IA-11	E201407650	6/21/2014	587227.3	728150.3	X	X	X	X	X
MW-345C	S3	IA-11	E201406559	6/9/2014	587235.2	728089.1	X	X	X	X	X
MW-346A	S1	IA-06	E201406944	6/12/2014	586825.6	729242.2	X	X	X	X	X
MW-346B	S2	IA-06	E201406946	6/19/2014	586844.3	729238.9	X	X	X	X	X
MW-346C	S3	IA-06	E201406947	6/19/2014	586843.4	729250.3	X	X	X	X	X
MW-347B	S2	IA-10	E201407735	6/24/2014	586519.8	728894	X	X	X	X	X
MW-347C	S3	IA-10	E201407736	6/25/2014	586524	728905.2	X	X	X	X	X
MW-348B	S2	IA-10	E201407806	6/27/2014	586485.8	728818.8	X	X	X	X	X
MW-348C	S3	IA-10	E201407807	6/27/2014	586493.6	728811.9	X	X	X	X	X
MW-349B	S2	IA-10	E201408235	7/8/2014	586629.3	728709.4	X	X	X	X	X
MW-349C	S3	IA-10	E201408236	7/9/2014	586625.1	728703.5	X	X	X	X	X
MW-35	S1	IA-03	2600053353	4/30/1999	588200.1	728946.2	X	X	X	X	X
MW-350A	S1	IA-06	E201408745	7/14/2014	586829.2	729308.9	X	X	X	X	X
MW-350B	S2	IA-06	E201408746	7/18/2014	586828.6	729315.3	X	X	X	X	X
MW-350C	S3	IA-06	E201408747	7/18/2014	586823.4	729301.9	X	X	X	X	X
MW-351B	S2	IA-04	E201409430	8/1/2014	587476.4	729467.2	X	X	X	X	X
MW-351C	S3	IA-04	E201409431	8/1/2014	587469.9	729456.4	X	X	X	X	X
MW-352A	S1	IA-15	E201411515	9/5/2014	587477.9	727374.9	X	X	X	X	X
MW-353A	S1	Offsite	E201501296	3/16/2015	588636.6	729618.1	X	X	X		X
MW-353B	S2	Offsite	E201501297	3/15/2015	588639.7	729614.4	X	X	X		X
MW-353C	S3	Offsite	E201501299	3/15/2015	588642.2	729615.5	X	X	X		X
MW-354A	S1	IA-04	E201409763	8/4/2014	587161.4	729935.2	X	X	X	X	X
MW-355A	S1	IA-04	E201409764	8/4/2014	587110.9	729873.1	X	X	X	X	X
MW-356A	S1	IA-01	E201409765	8/4/2014	587106.2	729909.1	X	X	X		X
MW-357A	S1	IA-01	E201409766	8/4/2014	587128.4	729942.4	X	X	X		X
MW-357-S2	S2	IA-01	E201413443	10/27/2014	587124.8	729938.2	X	X	X		X
MW-357-S3	S3	IA-01	E201414559	11/12/2014	587123.6	729925.4	X	X	X		X
MW-357-SBR	S1	IA-01	E201416449	1/6/2015	587131.4	729941.5	X	X	X		X
MW-358A	S1	IA-12	E201410372	8/20/2014	587828.9	729688.6	X	X	X	X	X
MW-358B	S2	IA-12	E201410376	8/20/2014	587828.9	729688.3	X	X	X	X	X
MW-359A	S1	IA-12	E201410373	8/20/2014	587832.4	729697.3	X	X	X	X	X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-359B	S2	IA-12	E201410377	8/20/2014	587832.3	729697.5	X	X	X	X	X
MW-36	S1	IA-07	2600053359	5/3/1999	588216.2	728776.3	X	X	X	X	X
MW-360A	S1	IA-12	E201410374	8/26/2014	587813	729718.6	X	X	X	X	X
MW-360B	S2	IA-12	E201410378	8/28/2014	587812.8	729718.9	X	X	X	X	X
MW-361A	S1	IA-12	E201411069	9/3/2014	587845.6	729722.2	X	X	X	X	X
MW-361B	S2	IA-12	E201411070	9/3/2014	587845.5	729722	X	X	X	X	X
MW-362A	S1	IA-12	E201411075	8/25/2014	587857.9	729725.7	X	X	X	X	X
MW-362B	S2	IA-12	E201411076	8/25/2014	587858	729725.4	X	X	X	X	X
MW-363A	S1	IA-12	E201411660	9/10/2014	587853.9	729712.2	X	X	X	X	X
MW-363B	S2	IA-12	E201411661	9/9/2014	587854.2	729712.1	X	X	X	X	X
MW-363C	S3	IA-12	E201411702	9/19/2014	587849.7	729710.2	X	X	X	X	X
MW-364A	S1	IA-12	E201410700	9/10/2014	587880.1	729680.5	X	X	X	X	X
MW-364B	S2	IA-12	E201410701	9/10/2014	587879.9	729680.7	X	X	X	X	X
MW-364C	S3	IA-12	E201410519	8/22/2014	587884.3	729678.2	X	X	X	X	X
MW-365A	S1	IA-12	E201410702	9/10/2014	587883.9	729667.7	X	X	X	X	X
MW-365B	S2	IA-12	E201410703	9/10/2014	587883.7	729667.8	X	X	X	X	X
MW-366A	S1	IA-11	E201412401	9/26/2014	587370.5	727734.5	X	X	X		X
MW-366B	S2	IA-11	E201412402	9/30/2014	587370.3	727747	X	X	X		X
MW-366C	S3	IA-11	E201413313	10/16/2014	587380.6	727748	X	X	X		X
MW-367A	S1	IA-15	E201412399	9/24/2014	587381.4	727530.2	X	X	X	X	X
MW-367B	S2	IA-15	E201412400	9/24/2014	587388.3	727527	X	X	X	X	X
MW-367C	S3	IA-15	E201413489	1/9/2015	587385.6	727532.3	X	X	X	X	X
MW-367-S2	S2	IA-15	E201501815	3/10/2015	587377.9	727544.4	X	X	X	X	X
MW-367-S3	S3	IA-15	E201501816	3/12/2015	587374.5	727552.6	X	X	X	X	X
MW-368A	S1	IA-01	E201413444	11/10/2014	587068.8	729959.8	X	X	X		X
MW-369A	S1	IA-01	E201413445	11/4/2014	587109.8	730002.7	X	X	X		X
MW-369-SBR	S1	IA-01	E201416450	12/23/2014	587115.4	730013.4	X	X	X		X
MW-37	S1	IA-03	2600053360	4/28/1999	588192.4	729148.8	X	X	X	X	X
MW-370A	S1	IA-01	E201413446	11/6/2014	587164.6	729996.9	X	X	X		X
MW-371A	S1	IA-04	E201413447	11/12/2014	587203.2	729908.1	X	X	X	X	X
MW-371B	S2	IA-04	E201501460	3/26/2015	587219.2	729912.8	X	X	X	X	X
MW-371C	S3	IA-04	E201501462	3/23/2015	587214.3	729903.9	X	X	X	X	X
MW-372A	S1	IA-01	E201415852	1/15/2015	587142.8	730043	X	X	X		X
MW-373A	S1	IA-07	E201504143	5/18/2015	587760.3	728106.4	X	X	X	X	X
MW-373B	S2	IA-07	E201502842	12/16/2014	587757.3	728110.6	X	X	X	X	X
MW-373C	S3	IA-07	E201502843	12/16/2014	587751.1	728113.2	X	X	X	X	X
MW-374B	S2	IA-07	E201502844	12/16/2014	587811.7	728085	X	X	X	X	X
MW-374C	S3	IA-07	E201502845	12/16/2014	587814.4	728079.5	X	X	X	X	X
MW-375A	S1	IA-12	E201414287	12/5/2014	588450.6	729520.3	X	X	X	X	X
MW-375B	S2	IA-12	E201414288	11/21/2014	588465.3	729510.8	X	X	X	X	X
MW-375C	S3	IA-12	E201414289	1/22/2015	588473.5	729505.9	X	X	X	X	X
MW-376B	S2	IA-12	E201414290	11/14/2014	588446.8	729085.7	X	X	X	X	X
MW-376C	S3	IA-12	E201414291	11/25/2014	588440.9	729090.6	X	X	X	X	X
MW-376-S3	S3	IA-12	E201506505	7/13/2015	588440.7	729106.1	X	X	X	X	X
MW-377B	S2	IA-07	E201500786	11/13/2014	588132.9	728812.1	X	X	X	X	X
MW-377C	S3	IA-07	E201500787	12/16/2014	588135.4	728816.5	X	X	X	X	X
MW-378B	S2	IA-07	E201500788	12/2/2014	588232.9	728746.6	X	X	X	X	X
MW-378C	S3	IA-07	E201500789	12/2/2014	588234.5	728754.1	X	X	X	X	X
MW-379A	S1	IA-12	E201415538	12/2/2014	587941.5	729777.7	X	X	X	X	X
MW-38	S1	IA-03	2600053361	4/20/1999	587990.5	728907.5	X	X	X	X	X
MW-380A	S1	IA-12	E201415539	12/2/2014	587909.7	729765.6	X	X	X	X	X

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Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-381A	S1	IA-12	E201415540	12/4/2014	587891.7	729757	X	X	X	X	X
MW-382B	S2	IA-12	E201415560	12/5/2014	587924.4	729788.3	X	X	X	X	X
MW-383A	S1	IA-12	E201415541	12/2/2014	587939.1	729799.2	X	X	X	X	X
MW-384A	S1	IA-01	E201414482	11/4/2014	586908.6	730150.6	X	X	X		X
MW-385A	S1	IA-01	E201414483	11/4/2014	586926.3	730094.8	X	X	X		X
MW-386A	S1	IA-01	E201414484	11/3/2014	586890.1	730068	X	X	X		X
MW-387A	S1	IA-01	E201416303	2/6/2015	587093.2	730147.3	X	X	X	X	X
MW-387B	S2	IA-01	E201416042	1/28/2015	587095.7	730141.4	X	X	X	X	X
MW-387C	S3	IA-01	E201415880	2/5/2015	587088	730146.2	X	X	X	X	X
MW-388A	S1	IA-01	E201416304	2/10/2015	587188	730087.4	X	X	X		X
MW-388B	S2	IA-01	E201416043	2/26/2015	587196.8	730081.8	X	X	X		X
MW-389A	S1	IA-01	E201415853	1/12/2015	587078.2	730072.5	X	X	X		X
MW-390A	S1	IA-01	E201415869	2/17/2015	587010.5	730001.4	X	X	X	X	X
MW-390B	S2	IA-01	E201415870	2/12/2015	587007.6	729996.9	X	X	X	X	X
MW-39-1	S1	IA-04	2600032778	3/26/1993	587474.9	729782.6	X	X	X	X	X
MW-391A	S1	IA-01	E201415871	2/9/2015	586827.8	729870.9	X	X	X		X
MW-391C	S3	IA-01	E201415873	1/26/2015	586821	729860.3	X	X	X		X
MW-391-S3	S3	IA-01	E201415872	2/5/2015	586824.5	729865.6	X	X	X		X
MW-39-2	S1	IA-04	2600032777	3/26/1993	587478.5	729721.4		X	X	X	X
MW-392A	S1	IA-01	E201415906	1/28/2015	586931	729833.4	X	X	X		X
MW-39-2A	S1	IA-04	E201117406	11/16/2011	587474.7	729728.3	X	X	X	X	X
MW-392B	S2	IA-01	E201415905	2/3/2015	586920.4	729819.5	X	x	X		X
MW-392C	S3	IA-01	E201415904	1/30/2015	586917.3	729814.6	X	X	X		X
MW-393A	S1	IA-01	E201415865	1/7/2015	587013.2	729783.4	X	X	X		X
MW-393B	S2	IA-01	E201415863	1/9/2015	587013.3	729775.9	X	X	X		X
MW-393C	S3	IA-01	E201415859	1/23/2015	587007.2	729780.3	X	X	X		X
MW-394B	S2	IA-01	E201415864	1/15/2015	586880.1	730158.1	X	X	X		X
MW-394C	S3	IA-01	E201415860	2/10/2015	586878.1	730153.2	X	X	X		X
MW-395A	S1	IA-06	E201415839	12/11/2014	586755.1	729315.1	X	X	X		X
MW-396A	S1	IA-06	E201415840	12/11/2014	586742.8	729198.3	X	X	X		X
MW-397A	S1	IA-06	E201415842	12/14/2014	586787.4	729087	X	X	X		X
MW-398A	S1	IA-06	E201415841	12/24/2014	586905.2	729197.5	X	X	X		X
MW-399A	S1	IA-07	E201416612	2/11/2015	587381.7	728482.3	X	X	X	X	X
MW-399S	S1	IA-07	E201416631	1/19/2015	587377.5	728478.5	X	X	X	X	X
MW-39A	S1	IA-03	2600060828	4/11/2001	587991.3	728901.8	X	X	X	X	X
MW-3C	S3	IA-12	E201403601	4/29/2014	588571	728967.4	X	X	X	X	X
MW-4	S1	IA-01	2600011830	11/3/1988	586682	729890	X	X	X		X
MW-40	S2	IA-03	2600053363	4/16/1999	587944.4	728919.2		X			X
MW-400A	S1	IA-07	E201416613	1/28/2015	587395.1	728475.2	X	X	X	X	X
MW-401A	S1	IA-07	E201416614	2/4/2015	587398.4	728486.7	X	X	X	X	X
MW-401S	S1	IA-07	E201416632	1/21/2015	587392.6	728481.9	X	X	X	X	X
MW-402A	S1	IA-07	E201416615	1/28/2015	587366.2	728465.2	X	X	X	X	X
MW-402S	S1	IA-07	E201416633	12/30/2014	587369.2	728461.4	X	X	X	X	X
MW-403A	S1	IA-07	E201416616	1/29/2015	587360.2	728457.2	X	X	X	X	X
MW-403S	S1	IA-07	E201416634	1/21/2015	587363.1	728452.8	X	X	X	X	X
MW-404A	S1	IA-07	E201416617	1/21/2015	587359.8	728511.5	X	X	X	X	X
MW-405A	S1	IA-07	E201416618	1/29/2015	587398	728517.5	X	X	X	X	X
MW-406A	S1	IA-07	E201416619	1/30/2015	587414.7	728522.9	X	X	X	X	X
MW-406B	S2	IA-07	E201416593	12/30/2014	587403.9	728526.8	X	X	X	X	X
MW-406S	S1	IA-07	E201416635	12/30/2014	587417.9	728519.2	X	X	X	X	X
MW-407A	S1	IA-07	E201416620	1/21/2015	587394.5	728530.5	X	X	X	X	X

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Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-407S	S1	IA-07	E201416636	12/29/2014	587391.1	728534.4	X	X	X	X	X
MW-408A	S1	IA-07	E201416621	1/20/2015	587417.9	728541.6	X	X	X	X	X
MW-408S	S1	IA-07	E201416637	12/29/2014	587414.9	728544.9	X	X	X	X	X
MW-409A	S1	IA-07	E201416622	1/20/2015	587396.2	728559	X	X	X	X	X
MW-40A	S2	IA-03	2600060829	4/11/2001	587980.3	728897.1	X	X	X	X	X
MW-41	S2	IA-03	2600053364	4/30/1999	587974	728897.4	X	X	X	X	X
MW-410A	S1	IA-07	E201416623	1/6/2015	587436.4	728513.3	X	X	X	X	X
MW-411A	S1	IA-07	E201416624	1/6/2015	587424.4	728824.3	X	X	X	X	X
MW-412A	S1	IA-07	E201416628	12/31/2014	587667.1	728945	X	X	X	X	X
MW-413B	S2	IA-11	E201501505	3/10/2015	587212.1	728245.7	X	X	X		X
MW-413BR	S2	IA-11	E201701693	2/24/2017	587209.5	728229.75	X	X	X	X	
MW-414B	S2	IA-11	E201501506	3/6/2015	587269.9	728236	X	X	X		X
MW-415B	S2	IA-11	E201501508	3/4/2015	587177.3	728190.2	X	X	X		X
MW-416A	S1	IA-01	E201501198	3/13/2015	586759.1	729639.6	X	X	X		X
MW-416B	S2	IA-01	E201501197	3/18/2015	586752.3	729637.8	X	X	X		X
MW-416C	S3	IA-01	E201501192	3/19/2015	586759.2	729633.1	X	X	X		X
MW-417A	S1	IA-07	E201501842	3/18/2015	587743	728199.9	X	X	X	X	X
MW-417B	S2	IA-07	E201501841	3/17/2015	587738.8	728190.7	X	X	X	X	X
MW-417C	S3	IA-07	E201501840	3/15/2015	587747.8	728186.7	X	X	X	X	X
MW-418B	S2	IA-06	E201503956	5/12/2015	586947.6	729314.6	X	X	X		X
MW-419B	S2	IA-06	E201503955	5/7/2015	586948.8	729253.5	X	X	X		X
MW-42	S1	IA-07	2600053354	4/27/1999	587866.9	728836	X	X	X	X	X
MW-420B	S2	IA-06	E201503958	5/7/2015	586926.4	729224.9	X	X	X		X
MW-420C	S3	IA-06	E201503959	5/4/2015	586924.2	729220.9	X	X	X		X
MW-421B	S2	IA-06	E201503936	5/20/2015	586998.1	729223.1	X	X	X		X
MW-421C	S3	IA-06	E201503940	5/20/2015	587000.6	729226.9	X	X	X		X
MW-422B	S2	IA-06	E201503939	5/28/2015	586979	729111	X	X	X		X
MW-422C	S3	IA-06	E201503942	5/26/2015	587000.7	729097.6	X	X	X		X
MW-423A	S1	IA-06	E201503983	5/27/2015	587108.5	729244.9	X	X	X		X
MW-423B	S2	IA-06	E201503984	5/28/2015	587105.9	729238.9	X	X	X		X
MW-424B	S2	IA-06	E201503985	5/29/2015	587070.8	729178	X	X	X		X
MW-424C	S3	IA-06	E201503986	5/29/2015	587071.5	729183.8	X	X	X		X
MW-425B	S2	IA-11	E201503179	4/7/2015	587222.5	728226.2	X	X	X		X
MW-425-S2	S2	IA-11	E201503879	5/1/2015	587221	728221.6	X	X	X	X	X
MW-426A	S1	IA-04	E201502711	4/1/2015	587196.5	729952.7	X	X	X	X	X
MW-426B	S2	IA-04	E201502714	4/1/2015	587207.1	729945.4	X	X	X	X	X
MW-427A	S1	IA-04	E201502712	3/30/2015	587226.5	729900.6	X	X	X	X	X
MW-427B	S2	IA-04	E201502715	3/31/2015	587233.3	729896.2	X	X	X	X	X
MW-428A	S1	IA-04	E201502713	3/31/2015	587179.4	729871.1	X	X	X	X	X
MW-428B	S2	IA-04	E201502716	3/31/2015	587181.1	729867.1	X	X	X	X	X
MW-428C	S3	IA-04	E201502717	3/30/2015	587171.6	729871	X	X	X	X	X
MW-429C	S3	IA-13	E201503452	4/16/2015	587410.7	727703.3	X	X	X	X	X
MW-43	S1	IA-10	2600054720	8/18/1999	586287.5	729302.7	X	X	X	X	X
MW-430B	S2	IA-11	E201503876	5/5/2015	587231.7	728317	X	X	X		X
MW-431B	S2	IA-11	E201503877	5/5/2015	587163.8	728253	X	X	X		X
MW-432B	S2	IA-11	E201503878	5/4/2015	587185.8	728311.1	X	X	X		X
MW-433C	S3	IA-12	E201503869	5/1/2015	588136.3	729350	X	X	X	X	X
MW-434C	S3	IA-03	E201503870	5/4/2015	588129.9	729051.9	X	X	X	X	X
MW-435A	S1	IA-12	E201507552	8/3/2015	587852.2	729834.2	X	X	X	X	X
MW-435B	S2	IA-12	E201507553	7/31/2015	587852.1	729834.5	X	X	X	X	X
MW-436A	S1	IA-12	E201509734	9/16/2015	588027.3	729761.1	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-436B	S2	IA-12	E201509735	9/15/2015	588027.6	729761.1	X	X	X	X	X
MW-437A	S1	IA-12	E201509513	9/17/2015	587830.1	729765.8	X	X	X	X	X
MW-437B	S2	IA-12	E201509514	9/16/2015	587830	729765.5	X	X	X	X	X
MW-438A	S1	IA-04	E201506930	9/2/2015	587727.5	729598.5	X	X	X	X	X
MW-438B	S2	IA-04	E201506931	8/27/2015	587727.2	729599.2	X	X	X	X	X
MW-439A	S1	IA-03	E201506932	8/17/2015	587767.8	729537.4	X	X	X	X	X
MW-439B	S2	IA-03	E201506933	8/14/2015	587767.6	729537	X	X	X	X	X
MW-44	S1	IA-10	2600054721	8/11/1999	586150.6	729476.5	X	X	X	X	X
MW-440A	S1	IA-04	E201506929	9/14/2015	587696.3	729555.4	X	X	X	X	X
MW-441A	S1	IA-12	E201505053	5/20/2015	587998.8	729732.7	X	X	X	X	X
MW-441B	S2	IA-12	E201504854	5/19/2015	587996.4	729724.2	X	X	X	X	X
MW-442A	S1	IA-12	E201505054	5/22/2015	587961.8	729677.1	X	X	X	X	X
MW-442B	S2	IA-12	E201504855	5/20/2015	587961.8	729672.1	X	X	X	X	X
MW-443A	S1	IA-12	E201505055	8/26/2015	588020.1	729682	X	X	X	X	X
MW-443B	S2	IA-12	E201504856	8/25/2015	588020.4	729676.6	X	X	X	X	X
MW-444A	S1	IA-12	E201505056	8/24/2015	587968.6	729618.6	X	X	X	X	X
MW-444B	S2	IA-12	E201504857	8/19/2015	587968.8	729613.7	X	X	X	X	X
MW-445A	S1	IA-12	E201505057	5/21/2015	587911.1	729616.4	X	X	X	X	X
MW-445B	S2	IA-12	E201504858	5/22/2015	587911.3	729611.1	X	X	X	X	X
MW-446A	S1	IA-10	E201505760	6/2/2015	586419.5	729517.6	X	X	X	X	X
MW-447A	S1	IA-06	E201507687	7/31/2015	586859.2	729189.5	X	X	X		X
MW-447B	S2	IA-06	E201507688	8/5/2015	586855.8	729183.6	X	X	X		X
MW-448B	S3	IA-11	E201510264	9/21/2015	587230.8	728373.2	X	X	X		X
MW-449C	S3	IA-11	E201507925	8/11/2015	587336.3	728311.4	X	X	X		X
MW-44B	S2	IA-10	E201304514	4/16/2013	586157.3	729459.4	X	X	X	X	X
MW-44C	S3	IA-10	E201302491	4/9/2013	586139.7	729460.3	X	X	X	X	X
MW-45	S1	IA-10	2600054722	8/12/1999	586304.8	729500.8	X	X	X	X	X
MW-450B	S2	IA-11	E201510265	9/23/2015	587286.8	727919	X	X	X		X
MW-451B	S2	IA-11	E201513157	9/29/2015	587394.6	727920.9	X	X	X		X
MW-452C	S3	IA-11	E201509736	10/30/2015	587542.2	728042.2	X	X	X		X
MW-453C1	S3	IA-11	E201509738	10/1/2015	587440.4	727990	X	X	X		X
MW-453C2	S3	IA-11	E201509739	9/29/2015	587440.6	727990.1	X	X	X		X
MW-454C	S3	IA-11	E201509737	11/5/2015	587560.6	728008	X	X	X		X
MW-455C	S3	IA-11	E201513158	10/1/2015	587404.8	727945.3	X	X	X		X
MW-456C1	S3	IA-11	E201510266	9/30/2015	587422.2	728237.8	X	X	X		X
MW-456C2	S3	IA-11	E201510267	9/29/2015	587422	728237.7	X	X	X		X
MW-457C1	S3	IA-11	E201509602	10/5/2015	587377.3	728099.3	X	X	X		X
MW-457C2	S3	IA-11	E201509603	9/30/2015	587377.7	728099.4	X	X	X		X
MW-458C1	S3	IA-11	E201510268	9/23/2015	587308.7	728222.6	X	X	X		X
MW-458C2	S3	IA-11	E201510269	9/22/2015	587308.5	728222.4	X	X	X		X
MW-459C	S3	IA-11	E201509599	10/2/2015	587610.7	728143.6	X	X	X		X
MW-46	S1	IA-07	2600060830	4/12/2001	587931	727976	X	X	X	X	X
MW-460C	S3	IA-13	E201511667	10/28/2015	587599.9	727773.6	X	X	X	X	X
MW-461C	S3	IA-13	E201511398	9/25/2015	587478.4	727738.9	X	X	X	X	X
MW-462C1	S3	IA-15	E201508112	7/24/2015	587586.6	727247.5	X	X	X	X	X
MW-462C2	S3	IA-15	E201508113	7/23/2015	587586.6	727247.7	X	X	X	X	X
MW-463C	S3	IA-07	E201600360	1/22/2016	587750	728202.8	X	X	X	X	X
MW-464C1	S3	IA-07	E201510270	9/25/2015	587595.4	728278	X	X	X	X	X
MW-464C2	S3	IA-07	E201510271	9/24/2015	587595.5	728278.3	X	X	X	X	X
MW-465C1	S3	IA-07	E201510272	9/28/2015	587463.3	728371.2	X	X	X	X	X
MW-465C2	S3	IA-07	E201510273	9/25/2015	587463.6	728371.3	X	X	X	X	X

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

Well Designation	Hydro-geologic Zone	Investigation 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-466A	S1	IA-09	E201507718	7/16/2015	587328.6	729428	X	X	X	X	X
MW-467A	S1	IA-09	E201507719	7/14/2015	587410.6	729406.5	X	X	X	X	X
MW-468A	S1	IA-09	E201507720	7/14/2015	587445	729363.9	X	X	X	X	X
MW-469A	S1	IA-09	E201507721	7/13/2015	587411.6	729344.4	X	X	X	X	X
MW-47	S2	IA-14	2600054724	8/5/1999	588291.2	726978	X	X	X	X	X
MW-470A	S1	IA-09	E201507722	7/13/2015	587432.8	729303.4	X	X	X	X	X
MW-471A	S1	IA-09	E201507723	7/16/2015	587435.1	729257.2	X	X	X	X	X
MW-472A	S1	IA-10	E201505990	7/15/2015	586406.1	729497.1	X	X	X	X	X
MW-472S	S1	IA-10	E201509017	8/7/2015	586405.3	729502.4	X	X	X	X	X
MW-473A	S1	Offsite	E201508353	7/30/2015	586391.2	729541.3	X	X	X		X
MW-474A	S1	Offsite	E201508354	7/30/2015	586374.2	729517.1	X	X	X		X
MW-474B	S2	Offsite	E201615024	1/4/2017	586375.1	729513.6	X	X	X		
MW-475A	S1	Offsite	E201508355	7/30/2015	586334.2	729454.3	X	X	X		X
MW-476A	S1	IA-10	E201509018	8/6/2015	586440.7	729480.2	X	X	X	X	X
MW-477A	S1	IA-10	E201509019	8/5/2015	586446.5	729401.2	X	X	X	X	X
MW-478B	S2	Offsite	E201510508	9/10/2015	587132.2	727910.8	X	X	X		X
MW-478C	S3	Offsite	E201510509	9/9/2015	587136.3	727902.2	X	X	X		X
MW-479A	S1	IA-10	E201706151	N/A	586376.8	729393.4	X			X	
MW-479B	S2	IA-10	E201510870	9/16/2015	586382.7	729393.4	X	X	X	X	X
MW-479C	S3	IA-10	E201509104	9/1/2015	586373.9	729399.1	X	X	X	X	X
MW-479S	S1	IA-10	E201706148	N/A	586380.1	729399.1	X			X	
MW-48	S2	IA-14	2600054725	8/4/1999	588197.8	726726.1	X	X	X	X	X
MW-480A	S1	IA-10	E201510871	1/13/2016	586284.1	729454.2	X	X	X	X	X
MW-481B	S2	IA-10	E201513391	10/22/2015	586315.5	729337	X	X	X	X	X
MW-481C	S3	IA-10	E201513392	10/23/2015	586307.5	729343.1	X	X	X	X	X
MW-482B	S2	IA-10	E201511554	12/23/2015	586412.8	729250.4	X	X	X	X	X
MW-482C	S3	IA-10	E201511551	10/29/2015	586410.3	729257.2	X	X	X	X	X
MW-483B	S2	IA-10	E201511555	12/29/2015	586416.8	729110	X	X	X	X	X
MW-483C	S3	IA-10	E201511552	10/29/2015	586425.3	729108.4	X	X	X	X	X
MW-484A	S1	IA-11	E201604762	5/12/2016	587217.1	728278.3	X	X	X		X
MW-484B	S2	IA-11	E201604766	5/10/2016	587214.5	728275.5	X	X	X		X
MW-485A	S1	Offsite	E201511647	10/9/2015	586360.3	729525.8	X	X	X		X
MW-486A	S1	Offsite	E201511648	10/12/2015	586381.2	729526.2	X	X	X		X
MW-487A	S1	Offsite	E201511649	10/12/2015	586363.2	729499.4	X	X	X		X
MW-487B	S2	Offsite	E201615025	1/4/2017	586364.9	729490.7	X	X	X		
MW-487S	S1	Offsite	E201513662	12/22/2015	586364.1	729494.9	X	X	X		X
MW-488A	S1	Offsite	E201511650	10/13/2015	586353.2	729484.5	X	X	X		X
MW-488B	S2	Offsite	E201615026	1/5/2017	586355.5	729481.9	X	X	X		
MW-489A	S1	Offsite	E201511651	10/13/2015	586342.9	729469.9	X	X	X		X
MW-48B	S3	IA-14	E201304958	4/30/2013	588197.8	726748.8	X	X	X	X	X
MW-48C	D1	IA-14	E201304959	4/29/2013	588180.9	726738.2	X	X	X	X	X
MW-49	S2	IA-14	2600054726	8/3/1999	588079.4	726815	X	X	X	X	X
MW-490A	S1	IA-04	E201512235	10/20/2015	587410.2	729857.5	X	X	X	X	X
MW-491A	S1	IA-07	E201600955	12/16/2015	587503.2	728997.1	X	X	X		X
MW-492A	S1	IA-07	E201514802	1/22/2016	587560.4	728967.2	X	X	X	X	X
MW-492B	S2	IA-07	E201514803	1/19/2016	587560.4	728966.8	X	X	X	X	X
MW-493B	S2	IA-07	E201514804	1/5/2016	587398.8	728970.2	X	X	X		X
MW-494A	S1	IA-07	E201514805	12/28/2015	587416.5	728902.7	X	X	X		X
MW-495B	S2	IA-07	E201514806	12/31/2015	587410.1	728813.7	X	X	X		X
MW-496A	S1	Offsite	E201513661	12/22/2015	586387	729504.5	X	X	X		X
MW-496S	S1	Offsite	E201513663	12/22/2015	586385.1	729500.9	X	X	X		X

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

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					East (X)	North (Y)	NJDEP Well Permit	NJDEP Well Record	NJDEP Form A	NJDEP Form B	Well Log
MW-497A	S1	IA-11	E201604763	5/9/2016	587203.7	728257.1	X	X	X		X
MW-497B	S2	IA-11	E201604767	5/6/2016	587205.4	728260.2	X	X	X		X
MW-498A	S1	IA-11	E201604764	5/3/2016	587183.9	728243.9	X	X	X		X
MW-498B	S2	IA-11	E201604768	5/6/2016	587186.6	728243.3	X	X	X		X
MW-499A	S1	IA-11	E201604765	5/3/2016	587192.4	728221.1	X	X	X		X
MW-499B	S2	IA-11	E201604769	5/12/2016	587192.8	728218.2	X	X	X		X
MW-4A	S1	IA-01	2600042998	3/21/1996	586682.4	729882.3	X	X	X	X	X
MW-5	S1	IA-06	2600011821	11/6/1987	586642.2	729359.2	X	X	X	X	X
MW-50	S2	IA-06	2600064189	4/15/2002	586740.6	728992.8	X	X	X	X	X
MW-500A	S1	IA-01	E201608319	7/14/2016	586954.6	729922.5	X	X	X		X
MW-501B	S2	IA-10	E201615023	1/5/2017	586316.5	729518.8	X	X	X	X	
MW-502A	S1	IA-09	E201701477	2/16/2017	587320.3	728952.9	X	X	X	X	
MW-502B	S2	IA-09	E201701478	2/16/2017	587320.6	728952.5	X	X	X	X	
MW-503C	S3	IA-07	E201701479	2/14/2017	587381.7	728801.6	X	X	X		
MW-52	S1	IA-06	2600064191	4/15/2002	586765.8	729111.8	X	X	X	X	X
MW-53	S2	IA-06	2600079967	8/31/2006	586753.7	729000.1	X		X	X	X
MW-54	S3	IA-06	2600079972	9/21/2006	586751.3	729001.9	X		X	X	X
MW-55	S2	IA-11	2600064217	5/29/2002	587314.4	727849.2	X	X	X	X	X
MW-55B	S2	IA-11	E201410815	7/17/2014	587305.7	727846.9	X	X	X	X	X
MW-55C	S3	IA-11	E201410816	7/16/2014	587308.8	727842	X	X	X	X	X
MW-56	S3	IA-06	2600079973	9/26/2006	586746.1	728986.8	X		X	X	X
MW-57	S1	IA-15	2600064219	5/23/2002	587368	727596.3	X	X	X	X	X
MW-58	S1	IA-12	2600068227	6/25/2003	586874.8	730500.4	X	X	X	X	X
MW-59	S1	IA-12	2600068226	6/24/2003	587450.2	730138.4	X	X	X	X	X
MW-6	S1	IA-06	2600011822	11/13/1987	586806	729051	X	X	X		X
MW-60	S1	IA-12	2600068225	6/25/2003	587966.3	729831.1	X	X	X	X	X
MW-60A	S1	IA-12	E201218100	12/5/2012	588080.1	729750.3	X	X	X	X	X
MW-60A-S2	S2	IA-12	E201403230	3/20/2014	588091.2	729743.8	X	X	X	X	X
MW-60A-S3	S3	IA-12	E201403231	3/25/2014	588101	729737.3	X	X	X	X	X
MW-60B	S1	IA-12	E201218101	12/6/2012	588168.3	729553.9	X	X	X	X	X
MW-60C	S1	IA-12	E201218102	12/10/2012	587807.8	729921	X	X	X	X	X
MW-60E	S1	IA-12	E201218104	12/7/2012	587908.1	729762	X	X	X	X	X
MW-60F	S1	IA-12	E201218544	12/11/2012	588004.5	729806	X	X	X	X	X
MW-60G	S1	IA-12	E201302320	3/4/2013	587901	729870.8	X	X	X	X	X
MW-60G-S3	S3	IA-12	E201507554	9/17/2015	587898.5	729865.2	X	X	X	X	X
MW-60H	S1	Offsite	E201302317	3/5/2013	587916.7	729886.9	X	X	X	X	X
MW-60I	S1	Offsite	E201302318	3/12/2013	587979.6	729844.9	X	X	X	X	X
MW-60J	S1	Offsite	E201302319	3/15/2013	588017.4	729822.2	X	X	X	X	X
MW-60K	S1	Offsite	E201302315	3/21/2013	587819.2	729949.2	X	X	X	X	X
MW-60L	S1	Offsite	E201302316	3/8/2013	587864.6	729915.2	X	X	X	X	X
MW-60M	S1	IA-12	E201316435	11/18/2013	587912.2	729820.5	X	X	X	X	X
MW-60N	S1	IA-12	E201316492	11/18/2013	587931.4	729852	X	X	X	X	X
MW-60O	S1	IA-12	E201316493	11/18/2013	587944.9	729799	X	X	X	X	X
MW-60P	S1	IA-12	E201316494	11/18/2013	587965	729792	X	X	X	X	X
MW-60R	S1	IA-12	E201415563	11/24/2014	587966.1	729831.1	X	X	X	X	X
MW-60-Z2	S2	IA-12	E201400662	2/18/2014	587955	729830.3	X	X	X	X	X
MW-60-Z2R	S2	IA-12	E201415543	12/1/2014	587955	729830.4	X	X	X	X	X
MW-61	S1	IA-12	2600068293	7/8/2003	588766	729324.1	X	X	X	X	X
MW-61B	S2	IA-12	E201403602	4/25/2014	588773.2	729310.3	X	X	X	X	X
MW-61C	S3	IA-12	E201403603	4/24/2014	588763.6	729312.7	X	X	X	X	X
MW-62	S1	IA-11	2600074451	4/26/2005	587205.1	728213.9	X		X	X	X

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MW-63	S2	IA-11	2600074505	4/27/2005	587207.6	728209.1	X		X	X	X
MW-64	S1	IA-11	2600074452	5/12/2005	587227.7	728169.8	X		X	X	X
MW-65	S1	IA-11	2600074453	5/13/2005	587247.6	728130.1	X		X	X	X
MW-66	S1	IA-11	2600074454	5/11/2005	587181.8	728160.7	X		X	X	X
MW-67	S1	IA-11	2600074455	5/10/2005	587218.4	728015	X		X	X	X
MW-68	S1	IA-11	2600074456	4/7/2005	587132.7	728183.8	X		X	X	X
MW-69	S1	IA-11	2600074457	5/18/2005	587087.7	728274.7	X		X	X	X
MW-6A	S1	IA-06	2600014983	12/7/1988	586759.5	728975.5	X	X	X	X	X
MW-7	S1	IA-09	2600011823	11/7/1987	587001	728650	X	X	X		X
MW-70-1	S2	IA-10	2600027257	10/31/1991	586482.1	729150	X	X	X	X	X
MW-70-2	S2	IA-10	2600027258	11/1/1991	586514.9	729132.9	X	X	X	X	X
MW-70-3	S2	IA-10	2600027259	10/31/1991	586532.6	729148.4	X	X	X	X	X
MW-70C	S3	IA-10	E201409382	7/29/2014	586483.2	729167.6	X	X	X	X	X
MW-71	S2	IA-11	2600074506	4/13/2005	587130.2	728187.1	X		X	X	X
MW-71C	S3	IA-11	E201407242	6/17/2014	587130.4	728192.8	X	X	X	X	X
MW-72	S1	IA-11	2600074458	4/12/2005	587159.5	728117.6	X		X	X	X
MW-73	S2	IA-11	2600074459	5/17/2005	587244.3	727970.1	X		X	X	X
MW-74	S2	IA-11	2600074507	4/20/2005	587157.7	728122.5	X		X	X	X
MW-74C	S3	IA-11	E201407155	7/16/2014	587168	728124.9	X	X	X	X	X
MW-75	S2	IA-11	2600074508	5/4/2005	587202.9	728040.1	X		X	X	X
MW-75C	S3	IA-11	E201410817	7/17/2014	587211.2	728005.6	X	X	X	X	X
MW-76	S2	IA-06	2600079968	9/27/2006	586751.4	728899.3	X		X	X	X
MW-77	S3	IA-06	2600079974	8/29/2006	586747.8	728896.5	X		X	X	X
MW-78	S2	IA-06	2600079969	8/15/2006	586803.1	728873.8	X		X	X	X
MW-79	S3	IA-06	2600079975	8/16/2006	586799.2	728869.9	X		X	X	X
MW-7A	S1	IA-09	2600043991	3/19/1996	587031.3	728496.4		X	X	X	X
MW-7B	S1	IA-09	2600051884	9/30/1998	586916.3	728620.2	X	X	X	X	X
MW-7C	S2	IA-09	2600051885	9/30/1998	586922.5	728617.4	X	X	X	X	X
MW-8	S1	IA-11	2600011824	11/20/1987	587623	728136			X		X
MW-80	S1	IA-12	2600043993	3/21/1996	587905.3	729757.7		X	X	X	X
MW-80A	S1	IA-12	E201316486	11/15/2013	587876.8	729770	X	X	X	X	X
MW-80B	S1	IA-12	E201316487	11/19/2013	587917.7	729741.9	X	X	X	X	X
MW-80BR	S1	IA-12	E201415542	12/4/2014	587917.718	729741.833	X	X	X	X	X
MW-80C	S1	IA-12	E201316488	11/18/2013	587877.2	729693.3	X	X	X	X	X
MW-80-Z2	S2	IA-12	E201400666	2/18/2014	587898.8	729769.2	X	X	X	X	X
MW-80-Z2R	S2	IA-12	E201415544	12/2/2014	587898.8	729769.2	X	X	X	X	X
MW-81	S1	IA-03	2600043486	3/13/1996	587567.9	729257.4		X	X	X	X
MW-82	S2	IA-06	2600079970	9/29/2006	586845.6	728843.8	X		X	X	X
MW-83	S3	IA-06	2600079976	8/25/2006	586842.8	728839.9	X		X	X	X
MW-84	S2	IA-06	2600079971	10/5/2006	586855.1	728815.4	X		X	X	X
MW-85	S3	IA-06	2600079977	10/3/2006	586853	728813	X		X	X	X
MW-86	S3	IA-06	2600079978	9/28/2006	586799.6	728807.4	X		X	X	X
MW-87	S2	IA-06	2600081122	10/3/2006	586801	728844	X		X	X	X
MW-88	S3	IA-06	2600081123	8/17/2006	586800.1	728841.4	X		X	X	X
MW-89	S1	IA-06	2600080663	10/6/2006	586766.3	728917	X		X	X	X
MW-8A	S1	IA-11	2600029852	6/24/1992	587630.3	728136.2	X	X	X	X	X
MW-8B	S2	IA-11	E201504144	5/15/2015	587623.4	728132.7	X	X	X		X
MW-8C	S3	IA-11	E201304822	4/17/2013	587616.1	728129	X	X	X	X	X
MW-9	S1	IA-07	2600011825	11/3/1987	587716.7	728592.2		X	X		X
MW-90	S1	IA-06	2600080664	10/9/2006	586800.5	728881.3	X		X	X	X
MW-91	S1	IA-06	2600080665	10/10/2006	586853.1	728860.3	X		X	X	X

Appendix A
Well Documentation Log
Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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-92	S1	IA-06	2600080662	10/10/2006	586856.2	728820.6	X		X	X	X
MW-93	S1	IA-06	2600080660	10/10/2006	586799.9	728848.8	X		X	X	X
MW-94	S1	IA-06	2600080661	10/10/2006	586800.8	728812.7	X		X	X	X
MW-95	S1	IA-06	2600081124	1/23/2007	586771.4	728930.6	X		X	X	X
MW-97	S1	IA-06	2600081120	1/23/2007	586849.9	728880.6	X		X	X	X
MW-98	S1	IA-06	2600091826	11/27/2007	586832.9	729350.5	X		X	X	
MW-99	S1	IA-11	P200804383	12/15/2008	587331.6	727790.9	X	X	X	X	X
MW-99B	S2	IA-11	E201412448	9/23/2014	587326.4	727805.4	X	X	X		X
MW-99C	S3	IA-11	E201412449	10/7/2014	587334.5	727803.3	X	X	X		X
MW-9A	S1	IA-07	E201000872	7/20/2010	587701.2	728544.2	X	X	X	X	X
OW-1	S1	IA-03	2600053639	4/14/1999	588057	729052.5		X	X		X
OW-2	S1	IA-03	2600053640	4/22/1999	588102.5	728973.8		X	X		
OW-3	S1	IA-03	2600053641	4/14/1999	588039.3	729022.7		X	X		X
OW-4	S1	IA-03	2600053642	4/14/1999	588046.5	729025.9		X	X		X
OW-5	S1	IA-03	2600053643	4/14/1999	588056.8	729023.7		X	X		X
OW-6	S1	IA-03	2600053644	4/14/1999	588042.3	729005.9		X	X		X
OW-7	S1	IA-03	2600053645	4/14/1999	588040	728996.3		X	X		X
OW-8	S1	IA-03	2600053646	4/14/1999	588037	728981.6			X		X
PW-14	N/A	IA-06	N/A	N/A	586643.8	729364.6					
PW-20	N/A	IA-07	4600000155	1939	587364.4	728837.1		X			
PW-27	N/A	IA-01	N/A	N/A	586687.8	729911.2					
PW-32	N/A	IA-01	4600000156	1943	586767.2	730319.0		X			
PW-33	N/A	IA-03	4600000157	1943	587688.4	729133.6		X			
PW-37 Port 1	S2	IA-07	2600077911-1	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 10	D2	IA-07	2600077911-10	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 11	D2	IA-07	2600077911-11	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 2	S2	IA-07	2600077911-2	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 3	S3	IA-07	2600077911-3	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 4	S3	IA-07	2600077911-4	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 5	D1	IA-07	2600077911-5	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 6	D1	IA-07	2600077911-6	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 7	D1	IA-07	2600077911-7	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 8	D2	IA-07	2600077911-8	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37 Port 9	D2	IA-07	2600077911-9	6/6/2008	588316.2	728676.4	X	X	X	X	X
PW-37*	D4	IA-07	4600000158	10/1/1943	588316.2	728676.4	X	X	X	X	X
PW-716	D2	Offsite	2600003455	12/30/1965	587207.9	727500.5	X	X			
PZ-01	S1	IA-04	2600036869	5/20/1994	587300.5	729941.4		X	X	X	X
PZ-02	S1	IA-10	2600053313	5/6/1999	586629.3	728954.5	X	X	X	X	X
PZ-03	S1	IA-10	2600053314	5/7/1999	586756.6	728644.8	X	X	X	X	X
PZ-04	S1	IA-03	2600053356	5/27/1999	587776.9	729626.4	X	X	X	X	X
PZ-05	S1	IA-07	2600053319	5/27/1999	587178.9	728584.5	X	X	X	X	X
RW-1	S1	IA-04	E201603200	4/18/2016	587308.6	729974.5	X	X	X	X	X
RW-2	S1	IA-04	E201603201	4/14/2016	587336.8	729957	X	X	X	X	X
RW-3	S1	IA-04	E201603202	4/15/2016	587370	729950.3	X	X	X	X	X
RW-4	S1	IA-04	E201603203	4/18/2016	587411.6	729927.1	X	X	X	X	X
RW-5	S1	IA-04	E201603204	4/12/2016	587447.3	729901	X	X	X	X	X
RW-51	S3	IA-06	2600064190	4/17/2002	586752.6	729011.2	X	X	X	X	X
RW-6	S1	IA-04	E201603205	4/13/2016	587350.2	729895.7	X	X	X	X	X
RW-96	S1	IA-06	2600081121	1/24/2007	586808.1	728905.6	X		X	X	X
SP-1	S1	IA-03	2600053647	4/16/1999	588050.4	729023.5		X	X		X
SVE-1	S1	IA-03	2600053648	4/16/1999	588044.4	729030.6	X	X	X	X	X

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Hoffmann-La Roche Inc. - Nutley, NJ

Well Designation	Hydro-geologic Zone	Investigation 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
SVE-1209-A	N/A	IA-12	E201611825	10/5/2016	588051.4	729784.6	X	X			
SVE-1209-B	N/A	IA-12	E201611826	10/6/2016	588029.5	729749.9	X	X			
SVE-1209-C	N/A	IA-12	E201611827	10/5/2016	588039.8	729762.3	X	X			
SVE-1210-A	N/A	IA-12	E201611828	10/5/2016	588016.4	729728	X	X			
SVE-1210-B	N/A	IA-12	E201611829	10/7/2016	587995.7	729690.6	X	X			
SVE-1210-C	N/A	IA-12	E201611830	10/5/2016	588004	729704.8	X	X			
SVE-1211-A	N/A	IA-12	E201611831	N/A	588023.3	729686.1	X	X			
SVE-1211-B	N/A	IA-12	E201611832	N/A	588000.3	729648.3	X	X			
SVE-1211-C	N/A	IA-12	E201611833	N/A	588008.3	729662	X	X			
SVE-2	S1	IA-03	2600053928	5/11/1999	588004.2	728967.5	X	X	X	X	X
SVE-3	S1	IA-03	2600053929	5/13/1999	588082	729088.1	X	X	X	X	X
SVE-4	S1	IA-03	2600053930	5/14/1999	588024.4	728972.1	X	X	X		X
SVE-5	S1	IA-03	2600053931	5/14/1999	588074.3	729054.9	X	X	X		X
SVE-WSG-1	S1	IA-06	E201317586	11/19/2007	586704.7	729293	X	X	X	X	X
SVE-WSG-2	S1	IA-06	E201317587	11/19/2007	586694	729275.8	X	X	X	X	X
SVE-WSG-3	S1	IA-06	E201317588	11/19/2007	586683.1	729258.7	X	X	X	X	X
SVE-WSG-4	S1	IA-06	E201317589	11/20/2007	586696.2	729251.3	X	X	X	X	X
SVE-WSG-5	S1	IA-06	E201317590	11/20/2007	586709	729243.2	X	X	X	X	X
SVE-WSG-6	S1	IA-06	2600086703	3/12/2008	586674	729314.6	X	X	X	X	X
SVE-WSG-7	S1	IA-06	2600086704	3/12/2008	586701.5	729322.7	X	X	X	X	X
SVE-WSG-8	S1	IA-06	2600086705	3/12/2008	586724.8	729232.5	X	X	X	X	X
SVE-WSG-9	S1	IA-06	2600086706	3/12/2008	586678.1	729286.2	X	X	X	X	X
VE-1210-1	S1	IA-12	E201609290	8/5/2016	588005.8	729691.6	X	X	X		X
VE-1210-2	S1	IA-12	E201609289	8/5/2016	588022.8	729719.2	X	X	X		X
VE-1214-1	S1	IA-03	E201602674	4/1/2016	587768	729615.8	X	X	X		X
VE-1214-2	S1	IA-03	E201602675	4/1/2016	587761.7	729602.9	X	X	X		X
VMP-1	S1	IA-02	E201508848	8/5/2015	587029.5	729320.8	X	X	X	X	
VMP-2	S1	IA-02	E201508849	8/5/2015	587183.6	729329.6	X	X	X	X	
VMP-3	S1	IA-02	E201508850	8/5/2015	587144.1	729458.5	X	X	X	X	
VMP-4	S1	IA-02	E201508851	8/5/2015	587009.1	729437.6	X	X	X	X	

Notes:

Shaded well designation indicate newly-installed wells (since those described in the January 2017 Site-Wide Groundwater Progress Report)

NAD 83 = North American Datum of 1983

N/A = not available or not applicable

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

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