

US EPA ARCHIVE DOCUMENT

**Index to the Administrative Record, Final Decision
FutureGen 2.0 Well #3; Permit #IL-137-6A-0003**

<u>Doc</u>	<u>Date of doc</u>	<u>Date received</u>	<u>Time</u>	<u>Title/Description/Subject</u>	<u>Author/sender</u>	<u>Addressee</u>
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I. Draft Permit Administrative Record (40 C.F.R. § 124.18(b))

a. Permit application (40 C.F.R. § 124.9(b)(1))

1	3/1/2013	3/15/2013	N/A	Underground Injection Control Permit Applications for FutureGen 2.0	FutureGen Alliance	EPA Region 5
2	5/1/2013	5/15/2013	N/A	Revised Underground Injection Control Permit Applications for FutureGen 2.0	FutureGen Alliance	EPA Region 5

b. Supporting documentation supplied by permit applicant (40 C.F.R. § 124.9(b)(1))

3	11/19/2013	12/12/2013	N/A	Request for Additional Information #1	Kenneth Humphreys, FutureGen	Rebecca Harvey, EPA
4	12/10/2013	12/16/2013	N/A	Request for Additional Information #2	Kenneth Humphreys, FutureGen	Stephen Jann, EPA
5	12/6/2013	12/6/2013	15:43	Salinity in Ironton Sandstone	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
6	1/3/2014	1/3/2014	18:27	RAI 4 Responses	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
7	1/17/2014	1/17/2014	16:06	Re: Informal Request (IR) #3 (IR3-01-10-14)	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
8	1/23/2014	1/23/2014	17:22	Re: IR4 01-14-2014 for the FGA permit applications	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
9	1/28/2014	1/28/2014	18:03	Informal Request #5 EPA IR5	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
10	1/29/2014	1/29/2014	13:16	Re: FG T&M table	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
11	1/31/2014	1/31/2014	23:31	Area of Review Delineation and Maximum Well Pressure Calculations	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
12	2/7/2014	2/7/2014	16:09	Annular Pressurization System for Injection Wells	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
13	2/17/2014	2/17/2014	11:21	EPA's IR#9 01-31-2014 ready to be send	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
14	2/21/2014	2/21/2014	16:20	Re: IR#10 02-20-14; question about pressure front tracking	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA

c. Draft permit or notice of intent to deny the application or terminate the permit (40 C.F.R. § 124.9(b)(2))

15	3/31/2014	3/31/2014	N/A	U.S. EPA, Underground Injection Control Permit, Class VI, IL-137-6A-0003, FutureGen 2.0 Well #3	N/A	N/A
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d. Statement of basis or fact sheet (40 C.F.R. § 124.9(b)(3))

16	3/31/2014	3/31/2014	N/A	Public Comment on First Carbon Storage Draft Permits	N/A	N/A
17	3/31/2014	3/31/2014	N/A	Statement of Basis for Issuance of Class VI Underground Injection Control Permits	N/A	N/A

e. All documents cited in the statement of basis or fact sheet (40 C.F.R. § 124.9(b)(4))

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
18	3/31/2014	3/31/2014	N/A	Safe Drinking Water Act and Regulations at 40 C.F.R. 124	N/A	N/A

f. Other documents contained in the supporting file for the draft permit (40 C.F.R. § 124.9(b)(5))

19	2/6/2013	2/6/2013	14:42	Fw: 2.0	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
20	2/6/2013	2/6/2013	20:50	Re: 2.0	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
21	3/12/2013	3/12/2013	12:24	Copies	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
22	3/12/2013	3/12/2013	12:52	Re: Copies	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
23	4/9/2013	4/22/2013	N/A	Completeness Review of Underground Injection Control (UIC) Permit Applications for Four Geologic Sequestration Wells; United States Environmental Protection Agency UIC Permit Nos. IL-137-6A-0001, -0002, -0003, & -0004	Rebecca Harvey, EPA	Kenneth Humphreys, FutureGen
24	4/26/2013	4/26/2013	15:28	UIC Questions	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
25	4/30/2013	4/30/2013	16:41	Followup	Tyler Gilmore, FutureGen	Janette Hansen, EPA
26	5/10/2013	5/10/2013	13:35	UIC Re-Issue based on Completeness Review	Tyler Gilmore, FutureGen	Janette Hansen, EPA
27	5/13/2013	5/15/2013	N/A	Revised Supporting Documentation	Kenneth Humphreys, FutureGen	Rebecca Harvey, EPA
28	5/14/2013	5/14/2013	16:14	Re: UIC Re-Issue based on Completeness Review	Lucinda Swartz, FutureGen	Janette Hansen, EPA
29	5/14/2013	5/14/2013	17:06	Re: UIC Re-Issue based on Completeness Review	Janette Hansen, EPA	Tyler Gilmore, FutureGen
30	5/14/2013	5/14/2013	16:22	Re: UIC Re-Issue based on Completeness Review	Lucinda Swartz, FutureGen	Janette Hansen, EPA
31	5/14/2013	5/14/2013	17:45	FutureGen Industrial Alliance; non profit status	Mary McAuliffe, EPA	Lucinda Swartz, FutureGen
32	5/14/2013	5/14/2013	16:59	Re: FutureGen Industrial Alliance; non profit status	Lucinda Swartz, FutureGen	Mary McAuliffe, EPA
33	5/14/2013	5/14/2013	17:01	Re: FutureGen Industrial Alliance; non profit status	Mary McAuliffe, EPA	Lucinda Swartz, FutureGen
34	5/23/2013	5/23/2013	10:06	FutureGen Permit Application - FOI Request	Penny Goodwyn, McGriff, Seibels & Williams, Inc.	Mary McAuliffe, EPA
35	5/23/2013	5/23/2013	10:14	Re: FutureGen Permit Application - FOI Request	Mary McAuliffe, EPA	Penny Goodwyn, McGriff, Seibels & Williams, Inc.
36	5/23/2013	5/23/2013	11:08	Re: FutureGen Industrial Alliance; non profit status	Mary McAuliffe, EPA	Lucinda Swartz, FutureGen
37	5/23/2013	5/23/2013	11:28	Alliance General Counsel Information	Lucinda Swartz, FutureGen	Mary McAuliffe, EPA
38	5/23/2013	5/23/2013	12:47	Re: Alliance General Counsel Information	Mary McAuliffe, EPA	Lucinda Swartz, FutureGen
39	5/23/2013	5/23/2013	15:42	FutureGen Industrial Alliance FOIA request/CBI substantiation letters	Mary McAuliffe, EPA	John Buchovecky, Van Ness Feldman PC; Penny Goodwyn, McGriff, Seibels & Williams, Inc.; Adrienne Levatino, Patrick Engineering
40	5/29/2013	5/29/2013	15:25	Re: FutureGen Industrial Alliance FOIA request/CBI substantiation letters	Lucinda Swartz, FutureGen	Mary McAuliffe, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
41	5/29/2013	5/29/2013	15:34	Re: FutureGen Industrial Alliance FOIA request/CBI substantiation letters	Mary McAuliffe, EPA	Lucinda Swartz, FutureGen
42	6/3/2013	6/3/2013	12:06	Re: FutureGen Industrial Alliance FOIA request/CBI substantiation letters	Mary McAuliffe, EPA	Lucinda Swartz, FutureGen; Penny Goodwyn, McGriff, Seibels & Williams, Inc.
43	6/5/2013	6/5/2013	14:43	Re: FutureGen Industrial Alliance FOIA request/CBI substantiation letters - Response from McGriff	Penny Goodwyn, McGriff, Seibels & Williams, Inc.	Mary McAuliffe, EPA
44	6/5/2013	6/5/2013	16:36	Re: FutureGen Industrial Alliance FOIA request/CBI substantiation letters - Response from McGriff	Mary McAuliffe, EPA	Penny Goodwyn, McGriff, Seibels & Williams, Inc.
45	6/5/2013	6/5/2013	16:39	Re: FutureGen Industrial Alliance FOIA request/CBI substantiation letters - Response from McGriff	Lucinda Swartz, FutureGen	Mary McAuliffe, EPA; Penny Goodwyn, McGriff, Seibels & Williams, Inc.
46	6/5/2013	6/5/2013	16:54	Re: FutureGen Industrial Alliance FOIA request/CBI substantiation letters - Response from McGriff	Penny Goodwyn, McGriff, Seibels & Williams, Inc.	Lucinda Swartz, FutureGen; Mary McAuliffe, EPA
47	6/11/2013	6/11/2013	9:42	Fw: FutureGen Industrial Alliance FOIA request/CBI substantiation letters	Mary McAuliffe, EPA	John Buchovecky, Van Ness Feldman PC; Penny Goodwyn, McGriff, Seibels & Williams, Inc.; Adrienne Levatino, Patrick Engineering
48	6/26/2013	6/26/2013	10:06	FutureGen UIC Permit Question	Betty Niemann	Janette Hansen, EPA
49	6/26/2013	6/26/2013	11:00	Re: FutureGen UIC Permit Question	Janette Hansen, EPA	Betty Niemann
50	7/30/2013	7/30/2013	N/A	Phone Log Janette Hansen	N/A	N/A
51	8/8/2013	8/8/2013	7:56	FutureGen 2.0 - Listing of Materials to be Provided	Janette Hansen, EPA	Tyler Gilmore, FutureGen
52	8/8/2013	8/8/2013	10:14	Re: FutureGen 2.0 - Listing of Materials to be Provided	Tyler Gilmore, FutureGen	Janette Hansen, EPA
53	8/12/2013	8/12/2013	15:46	Input Advisor For FutureGen Data	Janette Hansen, EPA	Tyler Gilmore, FutureGen
54	8/26/2013	8/26/2013	11:04	Fw: Input Advisor For FutureGen Data	Janette Hansen, EPA	Tyler Gilmore, FutureGen
55	8/26/2013	8/26/2013	12:21	Re: Input Advisor For FutureGen Data	Tyler Gilmore, FutureGen	Janette Hansen, EPA
56	8/28/2013	8/28/2013	9:36	Upcoming Hearings for Water Discharge (NPDES) 4Permit and for the Air Prevention of Significant Deterioration (PSD) and Construction Permit for FutureGen	Dean Studer, Illinois EPA	Brian Urbaszewski et al.
57	8/28/2013	8/28/2013	11:45	Upcoming Hearing for Water Discharge (NPDES) Permit and for the Air Construction Permits for FutureGen	Dean Studer, Illinois EPA	A. Buhl et al.
58	8/30/2013	8/30/2013	21:06	FutureGen Data Set	Tyler Gilmore, FutureGen	Janette Hansen, EPA
59	9/4/2013	9/4/2013	14:06	FutureGen Schedule	Janette Hansen, EPA	Tyler Gilmore, FutureGen
60	9/4/2013	9/4/2013	14:21	Re: FutureGen Schedule	Tyler Gilmore, FutureGen	Janette Hansen, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
61	9/29/2013	9/29/2013	11:23	FutureGen 2.0 in Illinois	Lillian Korous	Janette Hansen, EPA
62	9/30/2013	9/30/2013	7:31	Re: FutureGen 2.0 in Illinois	Janette Hansen, EPA	Lillian Korous
63	9/30/2013	9/30/2013	18:53	Re: FutureGen 2.0 in Illinois	Lillian Korous	Janette Hansen, EPA
64	10/7/2013	10/7/2013	16:05	Meredosia Hearing	Danny Little	Janette Hansen, EPA
65	10/17/2013	10/17/2013	13:38	Re: Meredosia Hearing	Janette Hansen, EPA	Danny Little
66	10/17/2013	10/17/2013	9:27	Re: Meredosia Hearing	Danny Little	Janette Hansen, EPA
67	10/31/2013	N/A	N/A	Request for Additional Information Regarding four FutureGen 2.0 Wells, United States Environmental Protection Agency Underground Injection Control (UIC) Permit Applications for Four Geologic Sequestration Wells; United States Environmental Protection Agency UIC Permit Nos. IL-137-6A-0001, -0002, -0003, & -0004	Rebecca Harvey, EPA	Kenneth Humphreys, FutureGen
68	11/14/2013	11/19/2013	N/A	Request for Additional Information Regarding four FutureGen 2.0 Wells, United States Environmental Protection Agency Underground Injection Control (UIC) Permit Applications for Four Geologic Sequestration Wells; United States Environmental Protection Agency UIC Permit Nos. IL-137-6A-0001, -0002, -0003, & -0004	Rebecca Harvey, EPA	Kenneth Humphreys, FutureGen
69	11/14/2013	11/14/2013	17:11	FutureGen 2.0 Request for Additional Information	Andrew Greenhagen, EPA	Tyler Gilmore, FutureGen
70	11/14/2013	11/14/2013	17:34	Re: FutureGen 2.0 Request for Additional Information	Tyler Gilmore, FutureGen	Andrew Greenhagen, EPA
71	11/15/2013	11/21/2013	N/A	National Historic Preservation Act Inquiry; Location is at 39.800266N, 90.07469W (SE 1/4, SE 1/4, SW 1/4, SE 1/4, Section 26, T16N, R9W)	Rebecca Harvey, EPA	Amy Martin, Illinois Historic Preservation Agency
72	11/15/2013	11/15/2013	6:36	Re: FutureGen 2.0 Request for Additional Information	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
73	11/15/2013	11/15/2013	8:55	Re: FutureGen 2.0 Request for Additional Information	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
74	11/22/2013	11/22/2013	12:05	FutureGen 2.0 Class VI Well Permit Application	Betty Niemann	Jeffrey McDonald, EPA; Rebecca Harvey, EPA
75	11/22/2013	11/22/2013	14:07	RAI #1 Responses	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
76	11/22/2013	11/22/2013	14:26	Re: RAI #1 Responses	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
77	12/3/2013	12/3/2013	10:35	Re: RAI #1 Responses	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
78	12/3/2013	12/3/2013	9:27	Re: FutureGen 2.0 Class VI Well Permit Application	Jeffrey McDonald, EPA	Betty Niemann
79	12/3/2013	12/3/2013	14:05	Re: RAI #1 Responses	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
80	12/6/2013	12/6/2013	15:43	Salinity in Ironton Sandstone	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
81	12/6/2013	12/6/2013	15:48	Re: RAI #1 Responses	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
82	12/9/2013	12/9/2013	N/A	National Historic Preservation Act Inquiry	Anne Haaker, Illinois Historic Preservation Agency	Rebecca Harvey, EPA
83	12/9/2013	12/9/2013	11:08	FutureGen 2.0	Dean Studer, Illinois EPA	Janette Hansen, EPA
84	12/9/2013	12/9/2013	11:13	Re: FutureGen 2.0	Janette Hansen, EPA	Dean Studer, Illinois EPA

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85	12/9/2013	12/9/2013	14:40	Re: FutureGen 2.0	Dean Studer, Illinois EPA	Janette Hansen, EPA
86	12/10/2013	12/10/2013	8:37	Re: RAI #1 Responses	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
87	12/10/2013	12/10/2013	15:30	FutureGen 2.0 EIS Referenced Document	Andrew Greenhagen, EPA	Tyler Gilmore, FutureGen
88	12/10/2013	12/10/2013	N/A	Memo: Consideration of other laws under 40 CFR 144.4	N/A	N/A
89	12/11/2013	12/11/2013	14:56	Re: Salinity in Ironton Sandstone	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
90	12/13/2013	12/13/2013	15:45	Second Request for Additional Information (RAI #2)	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
91	12/16/2013	12/16/2013	9:09	Re: Second Request for Additional Information (RAI #2)	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
92	12/19/2013	12/19/2013	11:46	Insurance Discussion	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
93	12/20/2013	12/20/2013	15:58	FGA FR and other requests: 12-20-2013	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
94	12/31/2013	12/31/2013	11:49	Re: Second Request for Additional Information (RAI #2)	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
95	12/31/2013	12/31/2013	12:35	Re: Second Request for Additional Information (RAI #2)	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
96	12/31/2013	12/31/2013	13:06	Re: Second Request for Additional Information (RAI #2)	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
97	1/2/2014	1/2/2014	13:09	Erratum to August 2013 Input Advisor File	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
98	1/2/2014	1/2/2014	13:20	Re: Erratum to August 2013 Input Advisor File	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
99	1/2/2014	1/2/2014	16:13	Re: Erratum to August 2013 Input Advisor File	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
100	1/3/2014	1/3/2014	12:03	You have files ready for pickup	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
101	1/3/2014	1/3/2014	13:13	Re: You have files ready for pickup	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
102	1/3/2014	1/3/2014	16:38	01-03-2014 phone call	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
103	1/3/2014	1/3/2014	18:27	RAI 4 Responses	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
104	1/3/2014	1/3/2014	19:08	You have files ready for pickup	David Lanigan, FutureGen	Jeffrey McDonald, EPA
105	1/10/2014	1/10/2014	14:38	Informal Request (IR) # 3 (IR-01-10-14)	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
106	1/14/2014	1/14/2014	15:52	IR4 01-14-2014 for the FGA permit applications	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
107	1/14/2014	1/14/2014	14:49	Re: IR4 01-14-2014 for the FGA permit applications	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
108	1/16/2014	1/16/2014	12:24	IR5 01-16-14 regarding the ERRP that would go into any potential permit	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
109	1/16/2014	1/16/2014	16:21	Re: IR5 01-16-14 regarding the ERRP that would go into any potential permit	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
110	1/16/2014	1/16/2014	14:52	Re: IR5 01-16-14 regarding the ERRP that would go into any potential permit	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
111	1/16/2014	1/16/2014	17:07	Draft Minutes and Meeting followup	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
112	1/16/2014	1/16/2014	17:14	Re: IR5 01-16-14 regarding the ERRP that would go into any potential permit	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
113	1/17/2014	1/17/2014	16:06	Re: Informal Request (IR) # 3 (IR-01-10-14)	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
114	1/17/2014	1/17/2014	16:09	Re: Informal Request (IR) # 3 (IR-01-10-14)	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
115	1/17/2014	1/17/2014	16:10	Re: Informal Request (IR) # 3 (IR-01-10-14)	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
116	1/21/2014	1/21/2014	12:40	Fw: FG T&M table	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
117	1/21/2014	1/21/2014	17:01	Re: FG T&M table	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
118	1/22/2014	1/22/2014	10:08	Discussion on maximum allowable injection pressure calculations and critical pressure front methodology	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen

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119	1/22/2014	1/22/2014	14:39	Re: Discussion on maximum allowable injection pressure calculations and critical pressure front methodology	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
120	1/22/2014	1/22/2014	15:54	Re: Discussion on maximum allowable injection pressure calculations and critical pressure front methodology	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA et al.
121	1/22/2014	1/22/2014	16:12	Re: Discussion on maximum allowable injection pressure calculations and critical pressure front methodology	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA et al.
122	1/23/2014	1/28/2014	N/A	Notification of Class VI permit applications in the State of Illinois	Stephen Jann, EPA	Stephen Nightingale, Illinois EPA
123	1/23/2014	1/23/2014	17:22	Re: IR4 01-14-2014 for the FGA permit applications	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
124	1/23/2014	1/23/2014	17:24	Analysis of Pressure Impacts and Protection of USDW	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
125	1/24/2014	1/24/2014	16:22	Re: Analysis of Pressure Impacts and Protection of USDW	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
126	1/27/2014	1/27/2014	11:13	Insurance and Trust Fund Followup	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
127	1/27/2014	1/27/2014	11:22	Re: Insurance and Trust Fund Followup	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
128	1/27/2014	1/27/2014	12:03	Re: Insurance and Trust Fund Followup	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
129	1/28/2014	1/28/2014	11:39	FR Trust Fund feedback	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
130	1/28/2014	1/28/2014	17:41	Timing of Trust Funding	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
131	1/28/2014	1/28/2014	18:03	Informal Request #5 EPA IR5	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
132	1/29/2014	1/29/2014	8:39	Re: Informal Request #5 EPA IR5	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
133	1/29/2014	1/29/2014	13:16	Re: FG T&M table	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
134	1/29/2014	1/29/2014	13:50	Re: FG T&M table	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
135	1/30/2014	1/30/2014	17:59	Followup Call on Trust Fund and Insurance	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
136	1/31/2014	1/31/2014	9:48	Re: Followup Call on Trust Fund and Insurance	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; MaryRose Bayer, EPA
137	1/31/2014	1/31/2014	11:52	Fw: Message from "R5-16-21"	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
138	1/31/2014	1/31/2014	15:28	Quick Answer	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
139	1/31/2014	1/31/2014	16:26	Re: Quick Answer	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
140	1/31/2014	1/31/2014	23:31	Area of Review Delineation and Maximum Well Pressure Calculations	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
141	2/4/2014	2/4/2014	8:28	Re: Area of Review Delineation and Maximum Well Pressure Calculations	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
142	2/4/2014	2/4/2014	14:46	Re: Timing of Trust Funding	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
143	2/5/2014	2/5/2014	16:37	2/4/14 phone call	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
144	2/5/2014	2/5/2014	16:55	Re: 2/4/14 phone call	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
145	2/5/2014	2/5/2014	18:38	Information on Insurance Requirements	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA

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146	2/6/2014	2/6/2014	13:20	Re: Information on Insurance Requirements	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; MaryRose Bayer, EPA
147	2/6/2014	2/6/2014	15:07	Re: Information on Insurance Requirements	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
148	2/6/2014	2/6/2014	15:10	Re: Information on Insurance Requirements	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; MaryRose Bayer, EPA
149	2/6/2014	2/6/2014	15:11	Re: Information on Insurance Requirements	Joseph Tiago, EPA	Jeffrey McDonald, EPA et al.
150	2/7/2014	2/7/2014	16:27	Re: UIC Insurance Discussion	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
151	2/7/2014	2/7/2014	16:09	Annular Pressurization System for Injection Wells	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
152	2/7/2014	2/7/2014	16:28	Re: Annular Pressurization System for Injection Wells	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
153	2/7/2014	2/7/2014	16:30	Re: UIC Insurance Discussion	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
154	2/12/2014	2/12/2014	11:16	Fw: ADM QASP Plan	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
155	2/12/2014	2/12/2014	12:13	Re: ADM QASP Plan	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
156	2/12/2014	2/12/2014	13:41	draft AOR plan	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
157	2/13/2014	2/13/2014	18:25	Plugging and Abandonment Plan Revision	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
158	2/14/2014	2/14/2014	9:27	Re: Plugging and Abandonment Plan Revision	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
159	2/14/2014	2/14/2014	15:11	draft testing and monitoring plan	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
160	2/17/2014	2/17/2014	11:21	EPA's IR#9 01-31-2014 ready to be send	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
161	2/17/2014	2/17/2014	15:29	Conference Call Times	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
162	2/18/2014	2/18/2014	8:58	Re: EPA's IR#9 01-31-2014 ready to be send	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
163	2/18/2014	2/18/2014	9:10	Re: Conference Call Times	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
164	2/18/2014	2/18/2014	11:40	discussion points for 2/19 phone call on critical pressure calculations at FG	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
165	2/18/2014	2/18/2014	17:54	Fw: discussion points for 2/19 phone call on critical pressure calculations at FG	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; Andrew Greenhagen, EPA
166	2/19/2014	2/19/2014	14:29	2/19/14 brief phone call	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
167	2/20/2014	2/20/2014	9:40	Draft Trust Agreement	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
168	2/20/2014	2/20/2014	9:41	Re: Draft Trust Agreement	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; MaryRose Bayer, EPA
169	2/20/2014	2/20/2014	10:02	Fw: Draft Trust Agreement	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
170	2/20/2014	2/20/2014	13:34	IR#10 02-20-14; question about pressure front tracking	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
171	2/21/2014	2/21/2014	13:16	draft ERR plan	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
172	2/21/2014	2/21/2014	14:00	draft PISC plan	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
173	2/21/2014	2/21/2014	16:00	draft PISC plan	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
174	2/21/2014	2/21/2014	16:02	Re: draft PISC plan	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
175	2/21/2014	2/21/2014	16:20	Re: IR#10 02-20-14; question about pressure front tracking	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
176	2/21/2014	2/21/2014	16:49	draft Trust Fund language	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
177	2/24/2014	2/24/2014	13:40	updated draft PISC for your review and reply	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
178	2/24/2014	2/24/2014	13:49	Re: updated draft PISC for your review and reply	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
179	2/25/2014	2/25/2014	9:50	Re: updated draft PISC for your review and reply	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
180	2/25/2014	2/25/2014	10:17	Re: updated draft PISC for your review and reply	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
181	2/25/2014	2/25/2014	11:35	Fw: Demonstration of Non Endangerment	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
182	2/25/2014	2/25/2014	16:15	Injection Intervals and Injection Zone for each well	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
183	2/26/2013	2/26/2013	9:34	trust fund language corrections	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
184	2/26/2013	2/26/2013	10:02	Re: trust fund language corrections	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
185	2/26/2013	2/26/2013	10:53	Re: trust fund language corrections	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
186	2/26/2013	2/26/2013	13:53	Plugging and Construction plans	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
187	2/26/2013	2/26/2013	N/A	Class VI Mailing List Solicitation - Champaign - The News-Gazette	N/A	N/A
188	2/26/2013	2/26/2013	N/A	Class VI Mailing List Solicitation - Decatur - The Decatur Tribune	N/A	N/A
189	2/26/2013	2/26/2013	N/A	Class VI Mailing List Solicitation - Springfield - The State Journal-Register	N/A	N/A
190	2/27/2014	2/27/2014	13:26	Trust Agreement language for FGA FR	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; Lucinda Swartz, FutureGen
191	2/27/2014	2/27/2014	15:09	2/25/14 phone memo	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
192	2/27/2014	2/27/2014	15:33	AoR delineation	Jeffrey McDonald, EPA	Mark Williams, FutureGen
193	2/27/2014	2/27/2014	N/A	Class VI Mailing List Solicitation - Jacksonville - The Source	N/A	N/A
194	2/28/2014	2/28/2014	5:27	Re: Trust Agreement language for FGA FR	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; Lucinda Swartz, FutureGen
195	2/28/2014	2/28/2014	7:24	Re: AoR delineation	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; Mark Williams, FutureGen
196	2/28/2014	2/28/2014	10:10	Re: AoR delineation	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; Mark Williams, FutureGen
197	2/28/2014	2/28/2014	11:16	Re: Trust Agreement language for FGA FR	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; Lucinda Swartz, FutureGen
198	2/28/2014	2/28/2014	14:51	Re: AoR delineation	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; Mark Williams, FutureGen
199	2/28/2014	2/28/2014	15:10	Re: AoR delineation	Stephen Roy, EPA	Jeffrey McDonald, EPA et al.
200	2/28/2014	2/28/2014	15:13	Re: AoR delineation	Tyler Gilmore, FutureGen	Stephen Roy, EPA et al.
201	2/28/2014	2/28/2014	16:07	Re: AoR delineation	Stephen Roy, EPA	Tyler Gilmore, FutureGen

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
202	2/28/2014	2/28/2014	16:13	Fw: Another equation for calculating the critical pressure	Stephen Roy, EPA	Tyler Gilmore, FutureGen
203	2/28/2014	2/28/2014	17:35	Re: AoR delineation	MaryRose Bayer, EPA	Tyler Gilmore, FutureGen
204	2/28/2014	2/28/2014	17:57	Re: AoR delineation	Tyler Gilmore, FutureGen	MaryRose Bayer, EPA
205	3/3/2014	3/3/2014	13:02	Re: AoR delineation	Tyler Gilmore, FutureGen	Stephen Roy, EPA
206	3/3/2014	3/3/2014	13:09	Quick Request	MaryRose Bayer, EPA	Tyler Gilmore, FutureGen
207	3/3/2014	3/3/2014	13:28	Re: AoR delineation	Tyler Gilmore, FutureGen	Stephen Roy, EPA
208	3/3/2014	3/3/2014	14:09	Re: AoR delineation	Tyler Gilmore, FutureGen	Stephen Roy, EPA
209	3/3/2014	3/3/2014	15:24	Re: Quick Request	Tyler Gilmore, FutureGen	MaryRose Bayer, EPA
210	3/3/2014	3/3/2014	22:23	FutureGen QASP	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
211	3/4/2014	3/4/2014	12:15	FG-EPA Call Notes: March	MaryRose Bayer, EPA	Tyler Gilmore, FutureGen
212	3/4/2014	3/4/2014	17:31	Emergency and Remedial Response Plan	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
213	3/4/2014	3/4/2014	18:00	Addition of AoR "Triggers" and Pressure Monitoring Well	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
214	3/4/2014	3/4/2014	18:15	Post Injection Site Care Plan	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
215	3/4/2014	3/4/2014	18:54	You have files ready for pickup	Delphine Appriou, FutureGen	Jeffrey McDonald, EPA et al.
216	3/4/2014	3/4/2014	19:11	Testing and Monitoring Plan	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
217	3/5/2014	3/5/2014	1:32	You have files ready for pickup	Delphine Appriou, FutureGen	Jeffrey McDonald, EPA et al.
218	3/5/2014	3/5/2014	8:40	Re: FutureGen QASP	MaryRose Bayer, EPA	Jeffrey McDonald, EPA; Tyler Gilmore, FutureGen
219	3/5/2014	3/5/2014	9:15	AoR File - Follow-Up	MaryRose Bayer, EPA	Tyler Gilmore, FutureGen; Delphine Appriou, FutureGen
220	3/5/2014	3/5/2014	10:19	Re: FutureGen QASP	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
221	3/5/2014	3/5/2014	12:21	You have files ready for pickup	Delphine Appriou, FutureGen	MaryRose Bayer, EPA
222	3/5/2014	3/5/2014	12:27	Re: You have files ready for pickup	MaryRose Bayer, EPA	Delphine Appriou, FutureGen
223	3/5/2014	3/5/2014	12:29	Re: You have files ready for pickup	MaryRose Bayer, EPA	Delphine Appriou, FutureGen
224	3/5/2014	3/5/2014	12:43	Re: You have files ready for pickup	Delphine Appriou, FutureGen	MaryRose Bayer, EPA
225	3/5/2014	3/5/2014	12:53	Re: You have files ready for pickup	MaryRose Bayer, EPA	Delphine Appriou, FutureGen
226	3/5/2014	3/5/2014	12:59	Re: You have files ready for pickup	Delphine Appriou, FutureGen	MaryRose Bayer, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
227	3/5/2014	3/5/2014	13:18	Re: You have files ready for pickup	MaryRose Bayer, EPA	Delphine Appriou, FutureGen
228	3/5/2014	3/5/2014	16:08	Re: FutureGen QASP	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; MaryRose Bayer, EPA
229	3/5/2014	3/5/2014	17:44	Injection well plugging plan	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
230	3/6/2014	3/6/2014	8:35	Re: Injection well plugging plan	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
231	3/6/2014	3/6/2014	9:41	Fw: FG App Missing Refs	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
232	3/6/2014	3/6/2014	15:08	Calculations of Critical Pressure	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
233	3/6/2014	3/6/2014	15:25	Updated Microseismic Sensitivity Maps	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
234	3/6/2014	3/6/2014	22:07	AoR Determination	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
235	3/6/2014	3/6/2014	22:55	Re: AoR Determination	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
236	3/7/2014	3/7/2014	8:36	Re: AoR Determination	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; MaryRose Bayer, EPA
237	3/7/2014	3/7/2014	10:06	Re: AoR Determination	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
238	3/7/2014	3/7/2014	13:13	Re: AoR Determination	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; MaryRose Bayer, EPA
239	3/7/2014	3/7/2014	17:37	Insurance and CO2 Storage Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
240	3/7/2014	3/7/2014	20:23	Information on AIG	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
241	3/8/2014	3/8/2014	12:50	Transmittal of AoR information and Request	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
242	3/10/2014	3/10/2014	10:47	Re: Information on AIG	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen; MaryRose Bayer, EPA
243	3/10/2014	3/10/2014	14:48	Re: Information on AIG	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
244	3/10/2014	3/10/2014	17:39	Last Transmittal of AoR information	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA; MaryRose Bayer, EPA
245	3/11/2014	3/11/2014	13:05	Re: Last Transmittal of AoR information	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
246	3/11/2014	3/11/2014	15:50	Re: Information on AIG	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
247	3/11/2014	3/11/2014	16:49	Re: Information on AIG	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
248	3/11/2014	3/11/2014	N/A	Trust Fund Checklist	N/A	N/A
249	3/11/2014	3/11/2014	N/A	Insurance Checklist	N/A	N/A
250	3/12/2014	3/12/2014	5:51	Re: Information on AIG - Update 3/12	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
251	3/12/2014	3/12/2014	11:20	Re: Information on AIG - Update 3/12	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
252	3/12/2014	3/12/2014	10:28	Re: Information on AIG - Update 3/12	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
253	3/12/2014	3/12/2014	11:54	Re: Last Transmittal of AoR information	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
254	3/12/2014	3/12/2014	14:13	pressure differential and plume boundary graphic	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
255	3/12/2014	3/12/2014	14:05	Fw: Information on AIG - Update 3/12	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
256	3/12/2014	3/12/2014	14:08	Re: Information on AIG - Update 3/12	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
257	3/12/2014	3/12/2014	14:13	Re: Information on AIG - Update 3/12	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
258	3/12/2014	3/12/2014	16:46	Re: Information on AIG - Update 3/12	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
259	3/13/2014	3/13/2014	4:32	Conference Call(s)	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
260	3/13/2014	3/13/2014	9:58	Re: Conference Call(s)	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
261	3/13/2014	3/13/2014	9:58	Re: pressure differential and plume boundary graphic	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
262	3/13/2014	3/13/2014	10:02	Re: pressure differential and plume boundary graphic	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
263	3/13/2014	3/13/2014	10:03	Re: Conference Call(s)	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA; Lucinda Swartz, FutureGen
264	3/13/2014	3/13/2014	13:21	Saw that you called	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
265	3/13/2014	3/13/2014	14:26	Re: Saw that you called	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
266	3/13/2014	3/13/2014	13:30	Re: Saw that you called	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA; Thomas Krueger, EPA
267	3/13/2014	3/13/2014	15:28	Insurance Files	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
268	3/13/2014	3/13/2014	15:39	Re: Information on AIG	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
269	3/13/2014	3/13/2014	16:13	Re: Information on AIG	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
270	3/13/2014	3/13/2014	16:23	Final Draft CO2 Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA et al.
271	3/14/2014	3/14/2014	10:16	insurance issues raised from our contractor to help guide the discussion	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
272	3/14/2014	3/14/2014	10:27	Re: Conference Call(s)	MaryRose Bayer, EPA	Jeffrey McDonald, EPA; Lucinda Swartz, FutureGen
273	3/14/2014	3/14/2014	10:28	Re: Conference Call(s)	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA et al.
274	3/14/2014	3/14/2014	14:23	well test procedures	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
275	3/14/2014	3/14/2014	15:26	All Plugging Plans	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
276	3/14/2014	3/14/2014	15:28	Re: All Plugging Plans	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
277	3/14/2014	3/14/2014	17:15	Re: Final Draft CO2 Trust Agreement	Tom Maple, US Bank	Lucinda Swartz, FutureGen
278	3/15/2014	3/15/2014	9:40	Pressure front elevation and New Maps	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
279	3/17/2014	3/17/2014	12:00	Fw: Final Draft CO2 Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
280	3/17/2014	3/17/2014	12:32	Re: Final Draft CO2 Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
281	3/17/2014	3/17/2014	14:12	Re: Final Draft CO2 Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
282	3/17/2014	3/17/2014	14:24	Re: Final Draft CO2 Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
283	3/19/2014	3/19/2014	16:49	Re: FG App Missing Refs	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
284	3/20/2014	3/20/2014	16:16	Re: Insurance info	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; Lucinda Swartz, FutureGen
285	3/21/2014	3/21/2014	11:49	Location of future pressure monitoring well	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
286	3/21/2014	3/21/2014	13:08	Re: Location of future pressure monitoring well	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
287	3/21/2014	3/21/2014	16:24	Executed Trust Fund Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
288	3/21/2014	3/21/2014	16:40	Re: Executed Trust Fund Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
289	3/21/2014	3/21/2014	16:45	Re: Executed Trust Fund Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
290	3/24/2014	3/24/2014	17:00	Re: FG App Missing Refs	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
291	3/24/2014	3/24/2014	18:15	insurance options	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen; Lucinda Swartz, FutureGen
292	3/25/2014	3/25/2014	11:28	Insurance for FGA	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
293	3/25/2014	3/25/2014	11:23	Re: Insurance for FGA	Jeffrey McDonald, EPA	Tyler Gilmore, FutureGen
294	3/25/2014	3/25/2014	14:14	Re: Insurance for FGA	Tyler Gilmore, FutureGen	Jeffrey McDonald, EPA
295	3/25/2014	3/25/2014	18:10	Re: Insurance Coverage for Emergency and Remedial Response Actions	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA et al.
296	3/25/2014	3/25/2014	N/A	FutureGen Alliance Class VI Injection Project: Evaluation of Area of Review Delineation and Corrective Action (Due to the large volume of underlying data summarized in the AoR report, including the sensitivity analyses performed by FG and EPA, this information is not physically included in the administrative record, but is available upon request.)	N/A	N/A
297	3/26/2014	3/26/2014	7:05	Re: Insurance for FGA	Joseph Tiago, EPA	Jeffrey McDonald, EPA; Tyler Gilmore, FutureGen
298	3/26/2014	3/26/2014	8:28	Re: Insurance for FGA	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA et al.
299	3/26/2014	3/26/2014	14:53	Your address?	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
300	3/26/2014	3/26/2014	15:39	Re: Your address?	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
301	3/26/2014	3/26/2014	19:36	Re: Your address?	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
302	3/27/2014	3/27/2014	7:16	Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
303	3/27/2014	3/27/2014	9:13	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
304	3/27/2014	3/27/2014	11:19	Re: Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA et al.
305	3/27/2014	3/27/2014	12:03	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen et al.
306	3/27/2014	3/27/2014	12:19	Re: Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
307	3/27/2014	3/27/2014	12:58	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen et al.
308	3/27/2014	3/27/2014	15:19	Re: Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
309	3/27/2014	3/27/2014	14:51	Memo: Growth Fault and Surface Air Monitoring	N/A	N/A
310	3/27/2014	3/27/2014	N/A	Memo: EJ Analysis for FutureGen 2.0 in Morgan County	N/A	N/A
311	3/28/2014	3/28/2014	8:20	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
312	3/28/2014	3/28/2014	8:27	Re: Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
313	3/28/2014	3/28/2014	8:39	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
314	3/28/2014	3/28/2014	8:52	Re: Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
315	3/28/2014	3/28/2014	10:54	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
316	3/28/2014	3/28/2014	13:31	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
317	3/28/2014	3/28/2014	13:54	Re: Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
318	3/28/2014	3/28/2014	17:24	Fw: Revised Trust Agreement	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
319	3/28/2014	3/28/2014	N/A	Illinois State Treasurer Approved Financial Institutions - US Bank	N/A	N/A
320	3/28/2014	3/28/2014	N/A	Financial Responsibility Estimates for FutureGen Based on Cost Tool Options	N/A	N/A
321	3/29/2014	3/29/2014	15:25	Re: Revised Trust Agreement	Jeffrey McDonald, EPA	Lucinda Swartz, FutureGen
322	3/31/2014	3/31/2014	N/A	Induced Seismicity Evaluation Using the EPA-Developed Decision Model	N/A	N/A
323	3/31/2014	3/31/2014	N/A	USGS; 2009 Earthquake Probability Mapping; 2014	N/A	N/A
324	3/31/2014	3/31/2014	N/A	USGS; Earthquake Archive Search; 2014	N/A	N/A
325	3/31/2014	3/31/2014	N/A	USGS; Quaternary Fault and Fold Database of the United States; 2014	N/A	N/A
326	3/31/2014	3/31/2014	N/A	Trust Fund Checklist	N/A	N/A
327	N/A	N/A	N/A	40 CFR 144.3; Underground Injection Control Program Definitions; Code of Federal Regulations;	N/A	N/A
328	N/A	N/A	N/A	40 CFR 144.31; Underground Injection Control Program; Code of Federal Regulations;	N/A	N/A
329	N/A	N/A	N/A	40 CFR 146; Underground Injection Control Program: Criteria and Standards; Code of Federal Regulations;	N/A	N/A
330	N/A	N/A	N/A	75 FR 77230; Federal Requirements Under the Underground Injection Control Program for Carbon Dioxide Geologic Sequestration Wells; Federal Register; 2010	N/A	N/A
331	N/A	N/A	N/A	76 FR 29728; Notice of Intent to Prepare an Environmental Impact Statement and Notice of Potential Floodplain and Wetlands Involvement for the FutureGen 2.0 Program; Federal Register; 2011	N/A	N/A
332	N/A	N/A	N/A	Akaike H.; A New Look at Statistical-Model Identification; IEEE Automat. Contr.; 1974	N/A	N/A

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
333	N/A	N/A	N/A	American Petroleum Institute; Specification 6A – Specification for Wellhead and Christmas Tree Equipment. Twentieth Edition (ISO 10423:2009 Modification), Includes Errata (Jan. and Nov. 2011) and Addendum 1 (Nov. 2011) 20th Edition; Specification 6A – Specification for Wellhead and Christmas Tree Equipment. Twentieth Edition (ISO 10423:2009 Modification), Includes Errata (Jan. and Nov. 2011) and Addendum 1 (Nov. 2011) 20th Edition; 2010	N/A	N/A
334	N/A	N/A	N/A	American Petroleum Institute ; Specification for Cements and Materials for Well Cementing; ANSI/API Specification 10A, Twenty-fourth edition; 2010	N/A	N/A
335	N/A	N/A	N/A	ASTM; Standard Practice for Preparing, Cleaning, and Evaluating Corrosion Test Specimens; ASTM G1-03(2011); 2011	N/A	N/A
336	N/A	N/A	N/A	ASTM; Standard Specification for Processing Additions for Use in the Manufacture of Hydraulic Cements; ASTM C465, 10th edition; 2010	N/A	N/A
337	N/A	N/A	N/A	Bandilla, K.W., M.A. Celia, T.R. Elliot, M. Person, K.M. Ellet, J.A. Rupp, C. Gable, and Y. Zhang; Modeling carbon sequestration in the Illinois Basin using a vertically integrated approach; Computing and Visualization in Science; 2012	N/A	N/A
338	N/A	N/A	N/A	Battelle; Environmental Information Volume, Biological Resources Section; Prepared for FutureGen Alliance; 2011	N/A	N/A
339	N/A	N/A	N/A	Bell, A.H.; Recent Developments in the Vicinity of Jacksonville; Illinois Petroleum Report 11; 1927	N/A	N/A
340	N/A	N/A	N/A	Bergstrom, R.E. and A.J. Zeizel; Groundwater Geology in Western Illinois, South Part; ISGS Circular 232; 1957	N/A	N/A
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454	N/A	N/A	N/A	Weiss, W.W., X. Xie, and J.W. Weiss; Field Test of Wettability Alteration to Increase the Flow Rate from Aquifer Gas Storage Wells; Paper 125867, SPE Eastern Regional Meeting; 2009	N/A	N/A
455	N/A	N/A	N/A	Wells, A., R. Diehl, G. Bromhal, B. Strazisar, T. Wilson, and C. White; The Use of Tracers to Assess Leakage from the Sequestration of CO2 in a Depleted Oil Reservoir, New Mexico, USA; Applied Geochemistry; 2007	N/A	N/A
456	N/A	N/A	N/A	White S.K., Z.F. Zhang, T.J. Gilmore, P.D. Thorne, and M.D. White; Quantifying the Predicted Extent of the CO2 plume for Delineating the Area of Review; PNWD-SA-9683, Pacific Northwest National Laboratory, Richland, Washington; 2010	N/A	N/A
457	N/A	N/A	N/A	White, M.D. and B.P. McGrail; STOMP Subsurface Transport Over Multiple Phases, Version 1.0, Addendum: ECKEChem Equilibrium-Conservation-Kinetic Equation Chemistry and Reactive Transport; PNNL-15482; 2005	N/A	N/A

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
458	N/A	N/A	N/A	White, M.D. and M. Oostrom; STOMP Subsurface Transport Over Multiple Phases, Version 4: User's Guide; PNNL-15782, Pacific Northwest National Laboratory, Richland, Washington; 2006	N/A	N/A
459	N/A	N/A	N/A	White, M.D. and M. Oostrom; STOMP Subsurface Transport Over Multiple Phases: Theory Guide; PNNL-12030, Pacific Northwest National Laboratory, Richland, Washington; 2000	N/A	N/A
460	N/A	N/A	N/A	White, M.D., D.H. Bacon, B.P. McGrail, D.J. Watson, S.K. White, and Z.F. Zhang; STOMP Subsurface Transport Over Multiple Phases: STOMP-CO2 and STOMP-CO2e Guide: Version 1.0 ; PNNL-21268, Pacific Northwest National Laboratory, Richland, Washington;	N/A	N/A
461	N/A	N/A	N/A	White, S.P., R.G. Allis, J. Moore, T. Chidsey, C. Morgan, W. Gwynn, and M. Adams; Simulation of reactive transport of injected CO2 on the Colorado Plateau, Utah, USA; Chemical Geology; 2005	N/A	N/A
462	N/A	N/A	N/A	Whiting, L.L. and D.L. Stevenson; The Sangamon Arch; ISGS Circular 383; 1965	N/A	N/A
463	N/A	N/A	N/A	Wilkens, N.D., N. Fischietto, B.B. Bowen, and J. Rupp; Anatomy of a Cambrian Sheet Sand: Depositional Environments in the Mount Simon Sandstone; GSA Abstracts with Programs 42(5); 2011	N/A	N/A
464	N/A	N/A	N/A	Williams, M.D., V.R. Mermeul, D. Appriou, A. Bonneville, J.A. Horner, F.A. Spane, and T.J. Gilmore; Analysis of Impacts on Lowermost USDW from Focused Leakage of Brine from Plugged and Abandoned or Poorly Constructed Wells at the FutureGen 2.0 Site; Report No. PNWD-4414, Battelle, Pacific Northwest Division; 2014	N/A	N/A
465	N/A	N/A	N/A	Willman, H.B., Elwood Atherton, T.C. Buschbach, Charles Collinson, John C. Frye, M.E. Hopkins, Jerry A. Lineback, and Jack A. Simon; Handbook of Illinois Stratigraphy; ISGS Bulletin 95; 1975	N/A	N/A
466	N/A	N/A	N/A	Woller, D.M. and E.W. Sanderson; Public Groundwater Supplies in Morgan and Scott Counties; ISWS Bulletin 60-27; 1979	N/A	N/A

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
467	N/A	N/A	N/A	Young, H.L.; Hydrogeology of the Cambrian-Ordovician Aquifer System in the Northern Midwest, United States with a Section on Ground-water Quality; Professional Paper 1405-B, U.S. Geological Survey; 1992	N/A	N/A
468	N/A	N/A	N/A	Zhou, Q., J.T. Birkholzer, E. Mehnert, Y-F. Lin, and K. Zhang; Modeling basin- and plume-scale processes of CO2 storage for full-scale deployment; Groundwater; 2010	N/A	N/A
469	N/A	N/A	N/A	Zoback, M.D.; Reservoir Geomechanics; Cambridge University Press, Cambridge, England; 2007	N/A	N/A
470	N/A	N/A	N/A	Zoback, M.D., C.A. Barton, M. Brudy, D.A. Castillo, T. Finkbeiner, B.R. Grollmund, D.B. Moos, P. Peska, C.D. Ward, and D.J. Wiprut; Determination of Stress Orientation and Magnitude in Deep Wells; International Journal of Rock Mechanics and Mining Sciences; 2003	N/A	N/A
471	N/A	N/A	N/A	American Recovery and Reinvestment Act of 2009; Public Law 111-5; 2009	N/A	N/A
472	N/A	N/A	N/A	Clean Air Act Section 7401; 42 USC 7401;	N/A	N/A
473	N/A	N/A	N/A	Clean Water Act/Federal Water Pollution Control Act; 33 USC 1344;	N/A	N/A
474	N/A	N/A	N/A	Marine Protection, Research, and Sanctuaries Act of 1972; 16 USC 1431 and 33 USC 1401;	N/A	N/A
475	N/A	N/A	N/A	National Environmental Policy Act of 1969; 42 USC	N/A	N/A
476	N/A	N/A	N/A	Resource Conservation and Recovery Act; 42 USC 6901;	N/A	N/A
477	N/A	N/A	N/A	Safe Drinking Water Act of 1974; 42 USC 300f;	N/A	N/A

II. All Comments Received During the Public Comment Period (40 C.F.R. § 124.18(b)(1))

478	5/15/2014	5/15/2014		USEPA Region 5 - FutureGen Additional Public Comments	Betty Niemann	Jeffrey McDonald, EPA
	4/3/2014	4/3/2014		Question and Concern	Betty Niemann	Jeffrey McDonald, EPA
	4/1/2014	4/1/2014		Public Hearing Question on FutureGen 2.0 Class VI Well Permit Application	Betty Niemann	Jeffrey McDonald, EPA
479	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Bradley Zeller	Jeffrey McDonald, EPA
480	4/30/2014	4/30/2014		FutureGen Alliance Public Comments	Carl Hankel	Jeffrey McDonald, EPA
481	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Central Illinois Building & Construction Trades Council	Jeffrey McDonald, EPA
482	4/29/2014	4/29/2014		FutureGen Alliance Public Comments	Clearstack Combustion Corp.	Jeffrey McDonald, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
483	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Danny Little	Jeffrey McDonald, EPA
484	4/4/2014	4/4/2014		FutureGen Alliance Public Comments	Ed Shaw	Jeffrey McDonald, EPA
485	5/7/2014	5/7/2014		USEPA Region 5 - FutureGen Public Comments	Elizabeth Rigor	Jeffrey McDonald, EPA
486	5/14/2014	5/14/2014		Comments on the Class VI permits 137-6A-0001, -0002, 0003 and 0004	FutureGen Industrial Alliance	Jeffrey McDonald, EPA
487	5/12/2015	5/12/2015		FutureGen Alliance Public Comments	Global Carbon Capture and Storage Institute	Jeffrey McDonald, EPA
488	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Illinois Coal Assoc.	Jeffrey McDonald, EPA
489	5/13/2014	5/13/2014		Submission from the Illinois Chamber of Commerce	Illinois Chamber of Commerce	Jeffrey McDonald, EPA
490	5/15/2014	5/15/2014		FutureGen 2.0 Project Comments	American Coalition for Clean Coal Electricity, Coal Utilization Research Council, Edison Electric Institute, Illinois Coal Association, National Mining Association (NMA), and National Rural Electric Cooperative Association	Jeffrey McDonald, EPA
491	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Illinois Department of Commerce and Economic Opportunity (DCEO)	Jeffrey McDonald, EPA
492	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	International Brotherhood of Boilermakers Local 363	Jeffrey McDonald, EPA
493	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	International Brotherhood of Electrical Workers (IBEW) Local 193	Jeffrey McDonald, EPA
494	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Jacksonville Regional Economic Development Corporation (EDC)	Jeffrey McDonald, EPA
495	4/5/2014	4/5/2014		FutureGen Alliance Public Comments	Karen Shaw	Jeffrey McDonald, EPA
496	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Laborers' International Union of North America (LIUNA)	Jeffrey McDonald, EPA
497	5/15/2014	5/15/2014		Comments on FutureGen's UIC Draft Permits	Leinberger & Critchelow Families / Nijman Franzetti, LLP	Jeffrey McDonald, EPA
498	4/10/2014	4/10/2014		FutureGen 2 to EPA	Lillian Korous	Jeffrey McDonald, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
499	5/7/2014	5/7/2014		FutureGen Alliance Public Comments	Marc Landers	Jeffrey McDonald, EPA
500	4/2/2014	4/2/2014		carbon capture plan	Mick McIntyre	Jeffrey McDonald, EPA
501	5/15/2014	5/15/2014		Comments on FutureGen Alliance 2.0 Class VI Permit Application	Natural Resources Defense Council (NRDC), Clean Air Task Force, and Sierra	Jeffrey McDonald, EPA
502	5/8/2014	5/8/2014		FutureGen Alliance Public Comments	Pipefitters Local 137	Jeffrey McDonald, EPA
503	5/5/2014	5/5/2014		FutureGen Permit Comments	Robert J. Finley	Jeffrey McDonald, EPA
504	5/15/2014	5/15/2014		Comments on Draft FutureGen Class VI Well Permits for Wells #1, #2, #3, and #4	U.S. Carbon Sequestration Council (CSC)	Jeffrey McDonald, EPA
505	4/30/2014	4/30/2014		FutureGen Alliance Public Comments	US Fish and Wildlife Service	Jeffrey McDonald, EPA
506	5/5/2014	5/5/2014		FutureGen Alliance Public Comments	Wilmot McCutchen	Jeffrey McDonald, EPA

III. Tape or Transcript of Public Hearings (40 C.F.R. § 124.18(b)(2))

506	*	6/4/2014	13:50	Underground Injection Control Draft Permits for the FutureGen Industrial Alliance - Revised Final transcripts - Public Hearing of May 7, 2014, at MacMurray College, Jacksonville, Illinois	Robin L. Stranimeier, of Jane Rose Reporting	Jeffrey McDonald, Jeffrey Wawczak, Lillateese Simmons, EPA
507						

IV. Written Materials Submitted at Public Hearings (40 C.F.R. § 124.18(b)(3))

508	*			Comments of the Illinois Department of Commerce and Economic Opportunity's Office of Coal Development	*	
509				Comment of Phil Gonet, Illinois Coal Assoc.		
510				Jacksonville Regional Economic Development Corporation (EDC), Terry Denison		

V. Response to Comments (40 C.F.R. § 124.18(b)(4))

a. Response to comments

511	*	8/29/2014		Response to Comments for Draft Class VI Permits Issued to the FutureGen Industrial Alliance	Tinka Hyde, EPA	Commenters
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b. New records considered by the Agency in Developing response to comments

512	*	8/14/2014	11:29	Information regarding existing wells within a 5 mile radius of a location [new request for approx. 25 mi. AoR]	William Saylor, Illinois State Water Survey	William Tong, EPA
513		8/14/2014	11:19	Information regarding existing wells within a 5 mile radius of a location [new request for approx. 25 mi. AoR]	William Tong, EPA	William Saylor, Illinois State Water Survey

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
514		8/14/2014	10:41	Information regarding existing wells within a 5 mile radius of a location [new request for approx. 25 mi. AoR]	William Saylor, Illinois State Water Survey	William Tong, EPA
515		8/13/2014	13:21	Information regarding existing wells within a 5 mile radius of a location [new request for approx. 25 mi. AoR]	William Tong, EPA	William Saylor, Illinois State Water Survey
516		7/14/2014	09:46	Information regarding existing wells within a 5 mile radius of a location [new request for approx. 25 mi. AoR]	William Tong, EPA	William Saylor, Illinois State Water Survey
517		7/11/2014	10:25	Information regarding existing wells within a 5 mile radius of a location [new request for approx. 25 mi. AoR]	William Tong, EPA	William Saylor, Illinois State Water Survey
518		7/17/2014	11:53	ISGS well data in West Central Illinois	Jeffrey McDonald, EPA	Alison Lecouris, ISGS
519		7/17/2014	14:18	ISGS well data in West Central Illinois	Alison Lecouris, ISGS	Jeffrey McDonald, EPA
520		7/22/2014	05:17	shape files	Jeffrey McDonald, EPA	Tyler Gilmore, PNNL
521		7/25/2014	11:02	shape files	Jeffrey McDonald, EPA	David Lanigan, Tyler Gilmore, PNNL
522		7/25/2014	13:43	shape files	David Lanigan, PNNL	Jeffrey McDonald, EPA
523		6/13/2014	15:32	Agenda for Tuesday's Meeting	Lucinda Swartz, FutureGen	Jeffrey McDonald, EPA
524		8/14/2014	11:12	Criswell Plugging Affidavit [and attached OG-6 Well Plugging Report form, cementing service report from Franklin Well Services, 1965 Illinois Well Completion Report, and 1965 permit]	Doug Shutt, IDNR	Jeffrey McDonald, EPA
525		8/14/2014	11:19	re: Criswell Plugging Affidavit	Jeffrey McDonald, EPA	Doug Shutt, IDNR
526		8/14/2014	11:24	re: Criswell Plugging Affidavit	Doug Shutt, IDNR	Jeffrey McDonald, EPA
527		8/21/2014	14:15	link [NRDC editorial]	Robert Finley, ISGS	Jeffrey McDonald, EPA
528		8/28/2014		Meeting between FutureGen, EPA and EPA's contractor, The Cadmus Group	Tyler Gilmore, Lucinda Swartz	Mary Rose Bayer, Joseph Tiago, Andrew Greenhagen, Mary McAuliffe, Tom Krueger, Jason Deardorff, Jeffrey McDonald, and Jaime Rooke (Cadmus)
529		8/27/2014	12:10	Cost Tool for ERR activities	MaryRose Bayer, EPA	Jeffrey McDonald, EPA
530		7/28/2014	13:34	downhole pressure gauge question	Jeffrey McDonald, EPA	Tyler Gilmore, PNNL
531		8/14/2014	14:20	re: downhole pressure gauge question	Jeffrey McDonald, EPA	Tyler Gilmore, PNNL
532		8/14/2014	12:26	re: downhole pressure gauge question [and use of tracers]	Jeffrey McDonald, EPA	Tyler Gilmore, PNNL
533		8/14/2014	16:27	re: downhole pressure gauge question [and use of tracers]	Tyler Gilmore, PNNL	Jeffrey McDonald, EPA
534		7/15/2014	12:36	Letter of Intent to Drill Stratigraphic Well [e-mail and letter]	Tyler Gilmore, PNNL	Jeffrey McDonald, EPA
535		7/9/2014	15:22	e-mail re: CO2 Flow	Tyler Gilmore, PNNL	Jeffrey McDonald, EPA

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
536		na		Illinois Compiled Statues [20 ILCS 1108/1]	na	na
537	7/25/2008			Federal Register Vol. 73; No. 144; Federal Requirements Under the Underground Injection (UIC) Program for Carbon Dioxide (CO2) Geologic Sequestration (GS)	na	na
538	7/1/2014			FutureGen Corrective Action Evaluation; Illinois State Geological Survey (ISGS) Well Data	na	na
539	4/15/2010			API Comments on: Sequestering Carbon Dioxide in a Closed Underground Volume	American Petroleum Institute	na
540	4/1/2010			A Brief Technical Critique of Ehlig-Economides and Economides 2010: "Sequestering Carbon Dioxide in a Closed Underground Volume"	Pacific Northwest National Laboratory	na
541	4/9/2014	4/15/2014		Class VI Injection well permit - FutureGen Industrial Alliance, Inc.	Anne E. Haaker, Illionois Historic Preservation Agency	Lisa Perenchio, EPA
542		3/31/2014		Certificate of Service	Denice Dumas, NAAPCA	na
543	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Matt Mangan, U.S. Fish and Wildlife Service
544	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Bill Hoback, Ill. Dept. of Commerce and Economic Opportunity
545	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Robert Flider, Ill. Dept. of Agriculture
546	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Adam Pollet, Ill. Dept. of Commerce and Economic Opportunity
547	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Todd Rettig, IDNR
548	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Marc Miller, IDNR
549	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Karen Miller, IDNR
550	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Arland Juhl, IDNR

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
551	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Andree DuVarney, U.S. Dept. of Agriculture
552	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Kenneth Westlake, EPA
553	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Charles L. Walthall, U.S. Dept. of Agriculture
554	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Dr. LaMar Hasbrouck, Illinois Dept. of Public Health
555	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Jonathan Feipel, Ill. Commerce Commission
556	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Chuck Ingersoll, Ill. Dept. of Transportation
557	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Marthea Roundtree, EPA
558	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Steve Nightengale, IEPA
559	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Lisa Bonnett, IEPA
560	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	David Bloomberg, IEPA
561	3/31/2014	3/31/2014		Public Notice and Public Comment Period of FutureGen Industrial Alliance, Inc. Class VI Underground Injection Control Draft Permits in Morgan County, Illinois	Lisa Perenchio, EPA	Amy Martin, Illinois Historic Preservation Agency
562	3/31/2014	3/31/2014		U.S. Environmental Protection Agency Draft Permit Numbers: IL-137-6A-0001, -0002, -0003, and -0004 for the Wells #1, #2,#3, and #4 (respectively) in Morgan County, Illinois	Tinka G. Hyde, EPA	Kenneth K. Humphreys, FutureGen Industrial Alliance, Inc.
563	3/31/2014	3/31/2014		Draft Class VI permits respository	Stephen M. Jann, EPA	Jacksonville Public Library

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
564	8/26/2014	8/1/2014		Phone conversation with ISGS regarding Mt. Simon formation flow rates and their consideration with FutureGen permit applications	Jeffrey McDonald, EPA	Robert Finley and Edward Mehnert, Illinois State Geol. Survey
565	8/26/2014	7/30/2014		Phone conversation with Battelle/PNNL and Cadmus regarding the FutureGen permit applications numerical modeling	Jeffrey McDonald, EPA	Signe White, PNNL and Inci Demirkanli, Cadmus
566	8/28/2014	7/11/2014		Phone conversation memo with Pan Handle, operators of the gas storage field in Waverly, Illinois	Jeffrey McDonald, EPA	Dave Hegemann and Larry Jenkins, Pan Handle
567	na	na		data sheet on Halliburton's Hydromite	na	na
568	2/11/2011			"Investigation of gridding effects for numerical simulations of CO2 geologic sequestration" by Yamamoto and Doughty		
569	2/1/2008	na		Determination of Mechanical Integrity of Injection Wells; Region 5 guidance document # 5		
570	3/1/2012			Preliminary Report on the Northstar 1 Class II Injection Well and the Seismic Events in the Youngstown, Ohio, Area	Ohio DNR	
571	8/28/2014	6/27/2014		Phone conversation record with Bryan Huff of ISGS regarding Criswell and Whitlock well records	Jeffrey McDonald, EPA	Bryan Huff, ISGS
572	6/30/2014	6/30/2014		e-mail from Bryan Huff with ISGS records on Criswell and Whitlock wells	Bryan Huff, ISGS	Jeffrey McDonald, EPA
573		6/17/2014		CO2Flow Software Documentation: Hydraulic Model for CO2 Pipelines and Injection wells (January and June, 2014 versions)	PNNL	
574		6/17/2014		Testing of CO2Flow Pipeline and Injection Well Simulation Program (April 2014 version)	PNNL	
575	3/27/2014	6/17/2014		AIG Insurance specimen policy	FutureGen	
576	7/9/2014	7/9/2014	16:08	Well files [database and other info on Criswell and Whitlock]	Doug Shutt, IDNR	Jeffrey McDonald, EPA
577	7/10/2014	7/10/2014	11:01	re: Well files [Criswell and Whitlock]	Jeffrey McDonald, EPA	Doug Shutt, IDNR
578	7/11/2014	7/11/2014	09:25	re: Well files [Criswell and Whitlock]	Doug Shutt, IDNR	Jeffrey McDonald, EPA
579	8/28/2014	7/9/2014		Phone conversation with Doug Shutt of the IDNR	Jeffrey McDonald, EPA	Doug Shutt, IDNR
580	7/30/2014	7/30/2014	14:27	e-mail re: More Concerns over FutureGen	Betty Niemann	Jeffrey McDonald, EPA
581	8/28/2014	7/25/2014		Phone conversations with Mike Elliott of PNNL	Jeffrey McDonald, EPA	Mike Elliott, PNNL
582	7/28/2014	7/28/2014	13:34	e-mail: downhole pressure gauge question	Jeffrey McDonald, EPA	Mike Elliott, PNNL
583	8/14/2014	8/14/2014	14:20	e-mail: re: downhole pressure gauge question	Jeffrey McDonald, EPA	Tyler Gilmore, PNNL
584	8/14/2014	8/14/2014	14:26	e-mail: re: downhole pressure gauge question [requesting clarification on use or non-use of tracers]	Jeffrey McDonald, EPA	Tyler Gilmore, PNNL

Doc	Date of doc	Date received	Time	Title/Description/Subject	Author/sender	Addressee
VI. Other Records in the Supporting File for the Permit (40 C.F.R. § 124.18(b)(6))						
585	3/31/2014	3/31/2014	N/A	Public Notice Mailed to EPA List	EPA	Numerous Parties
586	3/31/2014	3/31/2014	N/A	Public Notice sent via Certified Mail to EPA List	EPA	Numerous Parties
587	4/1/2014	4/1/2014	17:33	Public Notice E-mailed to EPA List	EPA	Numerous Parties
588	4/2/2014	4/2/2014	10:32	Public Notice E-mailed to Additional EPA List	EPA	Numerous Parties
589	4/2/2014	4/2/2014	13:33	Public Notice E-mailed to Additional EPA List	EPA	Numerous Parties
590	4/4/2014	4/4/2014	17:17	Public Notice E-mailed to EPA List - Second attempt to send the notice to those returned as undeliverable	EPA	Numerous Parties
591		8/28/2014		Phone conversation record with Tyler Gilmore (PNNL) and Doug Shutt (IDNR) regarding alleged water well issues while drilling the stratigraphic test well at FutureGen	Jeffrey McDonald, EPA	Tyler Gilmore, PNNL and Doug Shutt, IDNR
592		8/28/2014		memo to file regarding description of the Potosi formation's lost circulation as "leakage"	Jeffrey McDonald, EPA	na
593		1/13/2014	19:13	ISWS well record search - Morgan County IL	William Saylor, ISWS	William Tong, EPA

VII. Final Permit (40 C.F.R. § 124.18(b)(7))

594	*	8/28/2014		U.S. EPA, Underground Injection Control Permit, Class VI, IL-137-6A-0003, FutureGen 2.0 Well #3		
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I, Jeffrey R. McDonald, am the permit writer for U.S. EPA permit # IL-137-6A-0003, FutureGen 2.0 Well #3. The administrative record for this final permit decision includes, to the best of my knowledge, the documents that form the basis for the final permit decision, as required by 40 C.F.R. § 124.18. The above Administrative Record Index references the documents in the administrative record for this final permit decision.


Jeffrey R. McDonald, Permit Writer,
Underground Injection Control Branch, U.S. EPA Region 5

8/28/14
Date