

From: [Reagan, Steve](#)
To: [Stewart, David R](#); [Wolaver, Brad D](#); [Radke, Bill](#); [Harden, Tasha](#)
Subject: Fw: [EXTERNAL] CBP Water Use near (b) (7)(E) Update
Date: Wednesday, January 20, 2021 10:59:39 AM
Attachments: CBP (b) (7)(E) Water and Well Data 20 January 2021.pdf

From: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Sent: Wednesday, January 20, 2021 09:45
To: Burck, Peter <peter_burck@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] CBP Water Use near (b) (7)(E) Update

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good morning,

Here is the latest water use update for wells near (b) (7)(E)

Best,

(b) (6), (b) (7)(C)
Environmental Scientist
DAWSON
(b) (6), (b) (7)(C)

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

09/30/19		
10/30/19		
11/30/19		
12/20/19		
01/31/19		
02/15/20		
02/22/20		
02/25/20		
03/02/20		
03/05/20		
03/09/20		
03/16/20		
03/23/20		
03/30/20		
04/06/20		
04/14/20		
04/20/20		
04/27/20		
05/04/20		
05/12/20		
05/18/20		
05/28/20		
06/01/20		

of Work Days

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600
10/26/20	2,233,900	530,000	33,700	2,797,600
11/02/20	1,481,800	435,700	22,000	1,939,500
11/09/20	2,918,000	931,900	57,400	3,907,300

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

06/08/20			
06/15/20			
06/22/20			
06/29/20			
07/06/20			
07/13/20			
07/20/20			
07/27/20			
08/03/20			
08/10/20			
08/17/20			
08/24/20			
08/30/20			
09/09/20			
09/14/20			
09/21/20	1,868,800		1,868,800
09/28/20	1,034,100		1,034,100
10/05/20	1,495,700		1,495,700
10/12/20	1,464,100		1,464,100
10/19/20	950,400	0	950,400
10/26/20	770,650	0	770,650
11/02/20	770,650	0	770,650
11/09/20	861,100	0	861,100

of Work Days

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
11/16/20	1,982,300	692,200	72,300	2,746,800
11/30/20	2,216,800	414,400	69,900	2,701,100
12/07/20	1,207,200	292,600	40,700	1,540,500
12/14/20	1,793,600	379,500	39,400	2,212,500
01/04/21	839,300	261,300	2,100	1,102,700
01/11/20	1,262,500	448,900	15,100	1,726,500
01/18/20	1,002,100	340,100	800	1,343,000
Total well withdrawal	114,225,100	26,681,160	2,844,200	143,750,460

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		
11/16/20	599,900	0	599,900
11/30/20	794,100	0	794,100
12/07/20	495,300	0	495,300
12/14/20	378,400	0	378,400
01/04/21	249,500	0	249,500
01/11/20	537,600	0	537,600
01/18/20	539,100	0	539,100
Total well withdrawal	12,809,400	0	12,809,400

of Work Days

6
9
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From: [Reagan, Steve](#)
To: [Wolaver, Brad D](#); [Radke, Bill](#); [Harden, Tasha](#); [Garrett, Alice](#); [Stewart, David R](#)
Subject: Fw: [EXTERNAL] CBP Water Use near (b) (7)(E) Update
Date: Monday, January 11, 2021 5:50:52 PM
Attachments: CBP (b) (7)(E) Water and Well Data 11 January 2021.pdf

From: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Sent: Monday, January 11, 2021 16:41
To: Burck, Peter <peter_burck@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] CBP Water Use near (b) (7)(E) Update

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Good afternoon,

Here is the latest water use update for wells near (b) (7)(E)

(b) (6), (b) (7)(C)
Environmental Scientist
DAWSON
(b) (6), (b) (7)(C)

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) **and Tucson 9-5** (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
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05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

09/30/19		
10/30/19		
11/30/19		
12/20/19		
01/31/19		
02/15/20		
02/22/20		
02/25/20		
03/02/20		
03/05/20		
03/09/20		
03/16/20		
03/23/20		
03/30/20		
04/06/20		
04/14/20		
04/20/20		
04/27/20		
05/04/20		
05/12/20		
05/18/20		
05/28/20		
06/01/20		

of Work Days

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600
10/26/20	2,233,900	530,000	33,700	2,797,600
11/02/20	1,481,800	435,700	22,000	1,939,500
11/09/20	2,918,000	931,900	57,400	3,907,300

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

06/08/20			
06/15/20			
06/22/20			
06/29/20			
07/06/20			
07/13/20			
07/20/20			
07/27/20			
08/03/20			
08/10/20			
08/17/20			
08/24/20			
08/30/20			
09/09/20			
09/14/20			
09/21/20	1,868,800		1,868,800
09/28/20	1,034,100		1,034,100
10/05/20	1,495,700		1,495,700
10/12/20	1,464,100		1,464,100
10/19/20	950,400	0	950,400
10/26/20	770,650	0	770,650
11/02/20	770,650	0	770,650
11/09/20	861,100	0	861,100

of Work Days

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) **and Tucson 9-5** (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
11/16/20	1,982,300	692,200	72,300	2,746,800
11/30/20	2,216,800	414,400	69,900	2,701,100
12/07/20	1,207,200	292,600	40,700	1,540,500
12/14/20	1,793,600	379,500	39,400	2,212,500
01/04/21	839,300	261,300	2,100	1,102,700
Total well withdrawal	111,960,500	25,892,160	2,828,300	140,680,960

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		
11/16/20	599,900	0	599,900
11/30/20	794,100	0	794,100
12/07/20	495,300	0	495,300
12/14/20	378,400	0	378,400
12/15/20	249,500	0	249,500
Total well withdrawal	11,732,700	0	11,732,700

of Work Days

6
9
6
6

From: [Reagan, Steve](#)
To: [Stewart, David R](#); [Radke, Bill](#); [Harden, Tasha](#); [Garrett, Alice](#); [Wolaver, Brad D](#)
Subject: Fw: [EXTERNAL] CBP Water Use near (b) (7)(E) Update
Date: Monday, February 1, 2021 1:16:51 PM
Attachments: CBP (b) (7)(E) Water and Well Data 1 February 2021.pdf

From: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Sent: Monday, February 1, 2021 12:40
To: Burck, Peter <peter_burck@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] CBP Water Use near (b) (7)(E) Update

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Environmental Scientist
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(b) (6), (b) (7)(C)

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Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
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Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
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04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

09/30/19		
10/30/19		
11/30/19		
12/20/19		
01/31/19		
02/15/20		
02/22/20		
02/25/20		
03/02/20		
03/05/20		
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05/12/20		
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06/01/20		

of Work Days

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600
10/26/20	2,233,900	530,000	33,700	2,797,600
11/02/20	1,481,800	435,700	22,000	1,939,500
11/09/20	2,918,000	931,900	57,400	3,907,300

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

06/08/20			
06/15/20			
06/22/20			
06/29/20			
07/06/20			
07/13/20			
07/20/20			
07/27/20			
08/03/20			
08/10/20			
08/17/20			
08/24/20			
08/30/20			
09/09/20			
09/14/20			
09/21/20	1,868,800		1,868,800
09/28/20	1,034,100		1,034,100
10/05/20	1,495,700		1,495,700
10/12/20	1,464,100		1,464,100
10/19/20	950,400	0	950,400
10/26/20	770,650	0	770,650
11/02/20	770,650	0	770,650
11/09/20	861,100	0	861,100

of Work Days

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Water Use (Sept 2019 - Jan 2021)
Tucson 3 (b) (7)(E) **and Tucson 9-5** (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
11/16/20	1,982,300	692,200	72,300	2,746,800
11/30/20	2,216,800	414,400	69,900	2,701,100
12/07/20	1,207,200	292,600	40,700	1,540,500
12/14/20	1,793,600	379,500	39,400	2,212,500
01/04/21	839,300	261,300	2,100	1,102,700
01/11/21	1,262,500	448,900	15,100	1,726,500
01/18/21	1,002,100	340,100	800	1,343,000
01/27/21	602,500	288,700	11,200	902,400
Total well withdrawal	114,827,600	26,969,860	2,855,400	144,652,860

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		
11/16/20	599,900	0	599,900
11/30/20	794,100	0	794,100
12/07/20	495,300	0	495,300
12/14/20	378,400	0	378,400
01/04/21	249,500	0	249,500
01/11/21	537,600	0	537,600
01/18/21	539,100	0	539,100
01/27/21	462,600	0	462,600
Total well withdrawal	13,272,000	0	13,272,000

of Work Days
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From: [Reagan, Steve](#)
To: [Wolaver, Brad D](#); [Harden, Tasha](#); [Radke, Bill](#); [Stewart, David R](#)
Subject: Fw: [EXTERNAL] CBP Weekly Water Use in (b) (7)(E)
Date: Monday, October 26, 2020 6:26:43 AM
Attachments: CBP (b) (7)(E) Water and Well Data 23 October 2020.pdf

From: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Sent: Friday, October 23, 2020 14:21
To: Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) David Boyes <dboyes@dawson8a.com>; (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Nguyen, Brandon SPB <Brandon.Nguyen@usace.army.mil>
Subject: [EXTERNAL] CBP Weekly Water Use in (b) (7)(E)

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon Brad and Steve,

Here is the weekly water use sheet for wells near (b) (7)(E)

Have a nice weekend,

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

Water Use (Sept 2019 - Oct 2020)
Tucson 3 (20 mi)

(b) (7)(E)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

of Work Days

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

09/30/19			
10/30/19			
11/30/19			
12/20/19			
01/31/19			
02/15/20			
02/22/20			
02/25/20			
03/02/20			
03/05/20			
03/09/20			
03/16/20			
03/23/20	153,455		
03/30/20	238,400		
04/06/20	291,033	9,913	
04/14/20	376,525	73,540	
04/20/20	405,280	94,586	
04/27/20	407,383	89,980	
05/04/20	491,017	103,445	
05/12/20	451,783	107,340	22,400
05/18/20	476,233	115,167	14,133
05/28/20	418,100	102,460	14,700
06/01/20	511,125	65,050	41,975

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Water Use (Sept 2019 - Oct 2020)
Tucson 3 (20 mi)

(b) (7)(E)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600

Total well withdrawal	97,287,600	21,954,560	2,490,800	121,732,960
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	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)

06/08/20	490,033	159,783	18,017
06/15/20	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
07/13/20	479,217	248,067	22,050
07/20/20	400,533	142,800	21,700
07/27/20	201,167	53,467	11,567
08/03/20	393,100	132,433	32,217
08/10/20	704,550	195,733	23,167
08/17/20	554,617	141,167	25,683
08/24/20	521,167	141,983	16,150
08/30/20	716,433	204,133	23,883
09/09/20	449,600	168,320	16,500
09/14/20	551,050	160,975	20,825
09/21/20	595,867	113,117	22,750
09/28/20	517,950	110,283	14,967
10/05/20	602,933	177,017	15,683
10/12/20	633,650	178,267	10,650
10/19/20	489,883	149,350	8,700

Average daily withdrawal	459,205	132,651	18,502
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of Work Days
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From: [Reagan, Steve](#)
To: [Wolaver, Brad D](#); [Stewart, David R](#); [Radke, Bill](#); [Harden, Tasha](#)
Subject: Fw: [EXTERNAL] (b) (7)(E) Water Use Update
Date: Monday, December 7, 2020 7:04:59 AM
Attachments: CBP (b) (7)(E) Water and Well Data 4 December 2020.pdf

From: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Sent: Friday, December 4, 2020 14:55
To: Burck, Peter <peter_burck@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] (b) (7)(E) Water Use Update

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Good afternoon,

Here is the latest water use update for wells near (b) (7)(E)

Best,

(b) (6), (b) (7)(C)
Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

Water Use (Sept 2019 - Nov 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

09/30/19		
10/30/19		
11/30/19		
12/20/19		
01/31/19		
02/15/20		
02/22/20		
02/25/20		
03/02/20		
03/05/20		
03/09/20		
03/16/20		
03/23/20		
03/30/20		
04/06/20		
04/14/20		
04/20/20		
04/27/20		
05/04/20		
05/12/20		
05/18/20		
05/28/20		
06/01/20		

of Work Days

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Water Use (Sept 2019 - Nov 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600
10/26/20	2,233,900	530,000	33,700	2,797,600
11/02/20	1,481,800	435,700	22,000	1,939,500
11/09/20	2,918,000	931,900	57,400	3,907,300

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

06/08/20			
06/15/20			
06/22/20			
06/29/20			
07/06/20			
07/13/20			
07/20/20			
07/27/20			
08/03/20			
08/10/20			
08/17/20			
08/24/20			
08/30/20			
09/09/20			
09/14/20			
09/21/20	1,868,800		1,868,800
09/28/20	1,034,100		1,034,100
10/05/20	1,495,700		1,495,700
10/12/20	1,464,100		1,464,100
10/19/20	950,400	0	950,400
10/26/20	770,650	0	770,650
11/02/20	770,650	0	770,650
11/09/20	861,100	0	861,100

of Work Days

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Water Use (Sept 2019 - Nov 2020)
Tucson 3 (b) (7)(E) and **Tucson 9-5** (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
11/16/20	1,982,300	692,200	72,300	2,746,800
11/30/20	2,216,800	914,400	69,900	3,201,100
Total well withdrawal	108,120,400	25,458,760	2,746,100	136,325,260

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		
11/16/20	599,900	0	599,900
11/30/20	794,100	0	794,100
Total well withdrawal	10,609,500	0	10,609,500

of Work Days
6
9

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

Water Use (Sept 2019 - Nov 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

09/30/19		
10/30/19		
11/30/19		
12/20/19		
01/31/19		
02/15/20		
02/22/20		
02/25/20		
03/02/20		
03/05/20		
03/09/20		
03/16/20		
03/23/20		
03/30/20		
04/06/20		
04/14/20		
04/20/20		
04/27/20		
05/04/20		
05/12/20		
05/18/20		
05/28/20		
06/01/20		

of Work Days

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Water Use (Sept 2019 - Nov 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600
10/26/20	2,233,900	530,000	33,700	2,797,600
11/02/20	1,481,800	435,700	22,000	1,939,500
11/09/20	2,918,000	931,900	57,400	3,907,300

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

06/08/20			
06/15/20			
06/22/20			
06/29/20			
07/06/20			
07/13/20			
07/20/20			
07/27/20			
08/03/20			
08/10/20			
08/17/20			
08/24/20			
08/30/20			
09/09/20			
09/14/20			
09/21/20	1,868,800		1,868,800
09/28/20	1,034,100		1,034,100
10/05/20	1,495,700		1,495,700
10/12/20	1,464,100		1,464,100
10/19/20	950,400	0	950,400
10/26/20	770,650	0	770,650
11/02/20	770,650	0	770,650
11/09/20	861,100	0	861,100

of Work Days

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Water Use (Sept 2019 - Nov 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Total well withdrawal	103,921,300	23,852,160	2,603,900	130,377,360

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		
Total well withdrawal	9,215,500	0	9,215,500

of Work Days

From: [Reagan, Steve](#)
To: [Wolaver, Brad D](#); [Stewart, David R](#); [Radke, Bill](#); [Harden, Tasha](#)
Subject: Fw: [EXTERNAL] (b) (7)(E) Water Use Update
Date: Tuesday, November 3, 2020 3:02:58 PM
Attachments: CBP (b) (7)(E) Water and Well Data 3 November 2020.pdf

From: (b) (6), (b) (7)(C) <yvanchosovych@dawson8a.com>
Sent: Tuesday, November 3, 2020 14:12
To: Burck, Peter <peter_burck@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: Barnes, Michelle L CIV USARMY CESPL (US) <MICHELLE.L.BARNES@usace.army.mil>; (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] (b) (7)(E) Water Use Update

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon,

Here is the most recent (b) (7)(E) water use update.

In order to fit more wells on the sheet, I removed the daily use columns. The Number of Work Days is still on the spreadsheet, so you would still be able to calculate daily use if necessary.

Lastly, we are still waiting for the latest meter reading updates from the contractor on some of the wells. We should have those numbers updated in the next email.

Thanks,

(b) (6), (b) (7)(C)
Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

Water Use (Sept 2019 - Oct 2020)
Tucson 3 (b) (7)(E) **and Tucson 9-5** (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

09/30/19		
10/30/19		
11/30/19		
12/20/19		
01/31/19		
02/15/20		
02/22/20		
02/25/20		
03/02/20		
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03/16/20		
03/23/20		
03/30/20		
04/06/20		
04/14/20		
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04/27/20		
05/04/20		
05/12/20		
05/18/20		
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06/01/20		

of Work Days

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Water Use (Sept 2019 - Oct 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600
10/26/20	2,233,900	530,000	33,700	2,797,600
11/02/20	1,481,800	435,700	22,000	1,939,500

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

06/08/20			
06/15/20			
06/22/20			
06/29/20			
07/06/20			
07/13/20			
07/20/20			
07/27/20			
08/03/20			
08/10/20			
08/17/20			
08/24/20			
08/30/20			
09/09/20			
09/14/20			
09/21/20	1,868,800		1,868,800
09/28/20	1,034,100		1,034,100
10/05/20	1,495,700		1,495,700
10/12/20	1,464,100		1,464,100
10/19/20	950,400	0	950,400
10/26/20			
11/02/20			

of Work Days

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Water Use (Sept 2019 - Oct 2020)
Tucson 3 (b) (7)(E) **and Tucson 9-5** (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Total well withdrawal	101,003,300	22,920,260	2,546,500	126,470,060

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		
Total well withdrawal	6,813,100	0	6,813,100

of Work Days

From: [Reagan, Steve](#)
To: [Wolaver, Brad D](#); [Stewart, David R](#); [Radke, Bill](#); [Harden, Tasha](#)
Subject: Fw: [EXTERNAL] (b) (7)(E) Water Use Update
Date: Friday, December 18, 2020 12:38:49 PM
Attachments: CBP (b) (7)(E) Water and Well Data 18 December 2020.pdf

From: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Sent: Friday, December 18, 2020 11:47
To: Burck, Peter <peter_burck@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)
Subject: [EXTERNAL] (b) (7)(E) Water Use Update

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Good afternoon,

Here is the latest water use update for wells near (b) (7)(E)

Have a nice weekend,

(b) (6), (b) (7)(C)
Environmental Scientist
DAWSON

(b) (6), (b) (7)(C)

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Water Use (Sept 2019 - Dec 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
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05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

09/30/19		
10/30/19		
11/30/19		
12/20/19		
01/31/19		
02/15/20		
02/22/20		
02/25/20		
03/02/20		
03/05/20		
03/09/20		
03/16/20		
03/23/20		
03/30/20		
04/06/20		
04/14/20		
04/20/20		
04/27/20		
05/04/20		
05/12/20		
05/18/20		
05/28/20		
06/01/20		

of Work Days

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Water Use (Sept 2019 - Dec 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
09/14/20	2,204,200	643,900	83,300	2,931,400
09/21/20	3,575,200	678,700	136,500	4,390,400
09/28/20	3,107,700	661,700	89,800	3,859,200
10/05/20	3,617,600	1,062,100	94,100	4,773,800
10/12/20	3,801,900	1,069,600	63,900	4,935,400
10/19/20	2,939,300	896,100	52,200	3,887,600
10/26/20	2,233,900	530,000	33,700	2,797,600
11/02/20	1,481,800	435,700	22,000	1,939,500
11/09/20	2,918,000	931,900	57,400	3,907,300

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		

06/08/20			
06/15/20			
06/22/20			
06/29/20			
07/06/20			
07/13/20			
07/20/20			
07/27/20			
08/03/20			
08/10/20			
08/17/20			
08/24/20			
08/30/20			
09/09/20			
09/14/20			
09/21/20	1,868,800		1,868,800
09/28/20	1,034,100		1,034,100
10/05/20	1,495,700		1,495,700
10/12/20	1,464,100		1,464,100
10/19/20	950,400	0	950,400
10/26/20	770,650	0	770,650
11/02/20	770,650	0	770,650
11/09/20	861,100	0	861,100

of Work Days

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Water Use (Sept 2019 - Dec 2020)
Tucson 3 (b) (7)(E) and Tucson 9-5 (b) (7)(E)

Tucson 3 Project (b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Well	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
11/16/20	1,982,300	692,200	72,300	2,746,800
11/30/20	2,216,800	414,400	69,900	2,701,100
12/07/20	1,207,200	292,600	40,700	1,540,500
12/14/20	1,793,600	379,500	39,400	2,212,500
Total well withdrawal	111,121,200	25,630,860	2,826,200	139,578,260

Tucson 9-5 Project (b) (7)(E)

	Weekly Withdrawals (gallons)		Total Weekly Withdrawal (gallons)
Serial #			
Well	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	New	New	
Station #	(b) (7)(E)		
11/16/20	599,900	0	599,900
11/30/20	794,100	0	794,100
12/07/20	495,300	0	495,300
12/14/20	378,400	0	378,400
Total well withdrawal	11,483,200	0	11,483,200

of Work Days
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From: [Fernandez, Juliette](#)
To: [Reagan, Steve](#); [Stewart, David R](#); [Harris, Grant](#); [Kundargi, Darrell](#); [Radke, Bill](#); [Burck, Peter](#); [Baca, Joaquin](#)
Subject: Fw: [EXTERNAL] RE: Tucson Water Well Info
Date: Friday, May 22, 2020 12:32:00 PM
Attachments: [CBP Water and Well Data 19 May 2020.pdf](#)

Juliette Fernandez
Refuge Supervisor AZ/NM

Juliette Fernandez | U.S. Fish and Wildlife Service | Refuge Supervisor AZ/NM | P.O. Box 1306, Rm 4112,
Albuquerque NM, 87103-1306 | 505-248-6650 Office | 505-933-3501 Cell

From: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Sent: Friday, May 22, 2020 12:29 PM
To: Fernandez, Juliette <juliette_fernandez@fws.gov>
Cc: Barnes, Michelle L CIV USARMY CESPL (US) <MICHELLE.L.BARNES@usace.army.mil>; Nguyen, Brandon SPB <Brandon.Nguyen@usace.army.mil>; (b) (6), (b) (7)(C)
Subject: [EXTERNAL] RE: Tucson Water Well Info

Hi Juliette,

I'm attaching the water well data for the week.

Thank you,
Yuliya

(b) (6), (b) (7)(C)
Environmental Scientist
DAWSON
(b) (6), (b) (7)(C)

From: (b) (6), (b) (7)(C)
Sent: Friday, May 15, 2020 6:16 PM
To: Fernandez, Juliette <juliette_fernandez@fws.gov>
Cc: Barnes, Michelle L CIV USARMY CESPL (US) <MICHELLE.L.BARNES@usace.army.mil>; Nguyen, Brandon SPB <Brandon.Nguyen@usace.army.mil>; Karen Stackpole <kstackpole@dawson8a.com>
Subject: Tucson Water Well Info

Good afternoon Juliette,

Attached is the water well data for this week.

Best,

Yuliya

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

Water Use (Sept 2019 - May 2020)

Tucson 3 (20 mi)

(b) (7)(E)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total All Wells (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
09/30/19	0		0	0
10/30/19	3,688,700		0	3,688,700
11/30/19	2,731,400		0	2,731,400
12/20/19	1,510,900		0	1,510,900
01/31/19	1,805,700		0	1,805,700
02/15/20	N/A		0	0
02/22/20	N/A		0	0
02/25/20	5,084,800		0	5,084,800
03/02/20	986,600		0	986,600
03/05/20	92,100		0	92,100
03/09/20	445,200		0	445,200
03/16/20	167,700		0	167,700
03/23/20	844,000		0	844,000
03/30/20	1,430,400		0	1,430,400
04/06/20	1,746,200	59,480	0	1,805,680
04/14/20	1,506,100	294,160	0	1,800,260
04/20/20	2,026,400	472,930	0	2,499,330
04/27/20	2,444,300	539,880	0	2,984,180
05/04/20	2,946,100	620,670	0	3,566,770
05/12/20	2,710,700	644,040	0	3,354,740
05/18/20	2,857,400	691,000	84,800	3,633,200
Total withdrawn	35,024,700	3,322,160	84,800	34,798,460

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
09/30/19			
10/30/19			
11/30/19			
12/20/19			
01/31/19			
02/15/20			
02/22/20			
02/25/20			
03/02/20			
03/05/20			
03/09/20			
03/16/20			
03/23/20	153,455		
03/30/20	238,400		
04/06/20	291,033	9,913	
04/14/20	376,525	73,540	
04/20/20	405,280	94,586	
04/27/20	407,383	89,980	
05/04/20	491,017	103,445	
05/12/20	451,783	107,340	
05/18/20	476,233	115,167	14,133
Average withdrawn	365,679	84,853	14,133

of Work Days

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New meter installed, need to double check water use.

FOR OFFICIAL USE ONLY

From: [Fernandez, Juliette](#)
To: [Reagan, Steve](#); [Harris, Grant](#); [Radke, Bill](#); [Baca, Joaquin](#); [Kundargi, Darrell](#); [Burck, Peter](#); [Stewart, David R](#)
Subject: Fw: [EXTERNAL] Tucson Water Well Info
Date: Monday, May 18, 2020 7:45:38 AM
Attachments: [CBP Water and Well Data 14 May 2020.pdf](#)

Juliette Fernandez
Refuge Supervisor AZ/NM

Juliette Fernandez | U.S. Fish and Wildlife Service | Refuge Supervisor AZ/NM | P.O. Box 1306, Rm 4112,
Albuquerque NM, 87103-1306 | 505-248-6650 Office | 505-933-3501 Cell

From: (b) (6), (b) (7)(C); (b) (6), (b) (7)(C)
Sent: Friday, May 15, 2020 4:16 PM
To: Fernandez, Juliette <juliette_fernandez@fws.gov>
Cc: Barnes, Michelle L CIV USARMY CESPL (US) <MICHELLE.L.BARNES@usace.army.mil>; Nguyen, Brandon SPB <Brandon.Nguyen@usace.army.mil>; (b) (6), (b) (7)(C)
Subject: [EXTERNAL] Tucson Water Well Info

Good afternoon Juliette,

Attached is the water well data for this week.

Best,
Yuliya

(b) (6), (b) (7)(C)
Environmental Scientist
DAWSON
(b) (6), (b) (7)(C)

Water Use (Sept, 2019 - May 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)				Total All Wells (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)			
Segment		(b) (7)(E)			
		(b) (7)(E)			
	(b) (7)(E)				
Coordinates					
Well Type	Rehab	New			
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)		

09/30/19	0	0	0
10/30/19	3,688,700	0	3,688,700
11/30/19	2,731,400	0	2,731,400
12/20/19	1,510,900	0	1,510,900
01/31/19	1,805,700	0	1,805,700
02/15/20	N/A	0	0
02/22/20	N/A	0	0
02/25/20	5,084,800	0	5,084,800
03/02/20	986,600	0	986,600
03/05/20	92,100	0	92,100
03/09/20	445,200	0	445,200
03/16/20	167,700	0	167,700
03/23/20	844,000	0	844,000
03/30/20	1,430,400	0	1,430,400
04/06/20	1,746,200	59,480	1,805,680
04/14/20	1,506,100	294,160	1,800,260
04/20/20	2,026,400	472,930	2,499,330
04/27/20	2,444,300	539,880	2,984,180
05/04/20	2,946,100	620,670	3,566,770
05/12/20	2,710,700	644,040	3,354,740

Total withdrawn	32,167,300	2,631,160	0	34,798,460
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(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	
Coordinates			
Well Type	Rehab	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)

09/30/19			
10/30/19			
11/30/19			
12/20/19			
01/31/19			
02/15/20			
02/22/20			
02/25/20			
03/02/20			
03/05/20			
03/09/20			
03/16/20			
03/23/20	153,455	0	0
03/30/20	238,400	0	0
04/06/20	291,033	9,913	0
04/14/20	376,525	73,540	0
04/20/20	405,280	94,586	0
04/27/20	407,383	89,980	0
05/04/20	491,017	103,445	0
05/12/20	451,783	107,340	0

Average withdrawn	351,860	53,066	0
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of Work Days

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From: [Fernandez, Juliette](#)
To: [Stewart, David R](#); [Reagan, Steve](#); [Kundargi, Darrell](#); [Radke, Bill](#); [Burck, Peter](#); [Harden, Tasha](#); [Harris, Grant](#)
Subject: Fwd: [EXTERNAL] Tucson well data
Date: Friday, June 26, 2020 4:48:02 PM
Attachments: [CBP Water and Well Data 26 June 2020.pdf](#)
[ATT00001.htm](#)

FYI

Juliette Fernandez
Refuge Supervisor AZ/NM
[505-248-6650](tel:505-248-6650) Office
[505-933-3501](tel:505-933-3501) Cell

Begin forwarded message:

From: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Date: June 26, 2020 at 4:11:57 PM MDT
To: "Fernandez, Juliette" <juliette_fernandez@fws.gov>, "Reagan, Steve" <steve_reagan@fws.gov>
Cc: (b) (6), (b) (7)(C) (b) (6), (b) (7)(C) (b) (6), (b) (7)(C)
Subject: [EXTERNAL] Tucson well data

Hi Juliette,

Please see the most recent report attached to this email.

(b) (6), (b) (7)(C)
Environmental Scientist
DAWSON
4819 Emperor Blvd., Suite 400, Durham, NC 27703
(b) (6), (b) (7)(C)
<http://www.dawson8a.com>
Kūpono Ka Hana – Excellence in Service

Our Mission - To have a positive impact on the lives of our employees,
their families, and our communities by serving our strategic clients every day

Water Use (Sept 2019 - June 2020)
Tucson 3 (20 mi)

(b) (7)(E)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

of Work Days

09/30/19	0		0	0
10/30/19	3,688,700		0	3,688,700
11/30/19	2,731,400		0	2,731,400
12/20/19	1,510,900		0	1,510,900
01/31/19	1,805,700		0	1,805,700
02/15/20	N/A		0	0
02/22/20	N/A		0	0
02/25/20	5,084,800		0	5,084,800
03/02/20	986,600		0	986,600
03/05/20	92,100		0	92,100
03/09/20	445,200		0	445,200
03/16/20	167,700		0	167,700
03/23/20	844,000		0	844,000
03/30/20	1,430,400		0	1,430,400
04/06/20	1,746,200	59,480	0	1,805,680
04/14/20	1,506,100	294,160	0	1,800,260
04/20/20	2,026,400	472,930	0	2,499,330
04/27/20	2,444,300	539,880	0	2,984,180
05/04/20	2,946,100	620,670	0	3,566,770
05/12/20	2,710,700	644,040	0	3,354,740
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

09/30/19			
10/30/19			
11/30/19			
12/20/19			
01/31/19			
02/15/20			
02/22/20			
02/25/20			
03/02/20			
03/05/20			
03/09/20			
03/16/20			
03/23/20	153,455		
03/30/20	238,400		
04/06/20	291,033	9,913	
04/14/20	376,525	73,540	
04/20/20	405,280	94,586	
04/27/20	407,383	89,980	
05/04/20	491,017	103,445	
05/12/20	451,783	107,340	
05/18/20	476,233	115,167	14,133
05/28/20	418,100	102,460	14,700
06/01/20	511,125	65,050	41,975

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Water Use (Sept 2019 - June 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,543,300	891,000	97,400	4,531,700
Total well withdrawal	45,643,200	5,944,360	531,700	52,119,260

(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
6/15/2020	590,550	148,500	16,233
Average daily withdrawal	392,531	92,126	23,603

of Work Days

6

6

From: [Reagan, Steve](#)
To: [Lehnen, Sarah E](#); [Stewart, David R](#); [Radke, Bill](#)
Cc: [Walker, Cassandra M](#); [Harris, Grant](#)
Subject: Re: Glenn Ranch Well Data for August
Date: Friday, August 14, 2020 6:38:35 AM
Attachments: [CBP \(b\) \(7\)\(E\) Water and Well Data 24 July 2020.pdf](#)
[CBP \(b\) \(7\)\(E\) Water and Well Data 31 July 2020.pdf](#)

Yes.

Randy, Here are the last two reports that I have received.

From: Lehnen, Sarah E <sarah_lehnen@fws.gov>
Sent: Friday, August 14, 2020 06:24
To: Stewart, David R <david_stewart@fws.gov>; Radke, Bill <bill_radke@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>
Cc: Walker, Cassandra M <cassandra_walker@fws.gov>; Harris, Grant <Grant_Harris@fws.gov>
Subject: Re: Glenn Ranch Well Data for August

For the sake of continuity Steve is the POC for this project. Steve, do you receive the CBP data that Juliette used to send?

--

Sarah Lehnen
US Fish and Wildlife Service
Acting Refuge Supervisor AZ/NM
Interior Regions 6, 7, and 8
500 Gold Ave SW
Albuquerque, NM 87102

c. 479-200-2291

From: Stewart, David R <david_stewart@fws.gov>
Sent: Thursday, August 13, 2020 10:13 PM
To: Radke, Bill <bill_radke@fws.gov>
Cc: Walker, Cassandra M <cassandra_walker@fws.gov>; Lehnen, Sarah E <sarah_lehnen@fws.gov>; Harris, Grant <Grant_Harris@fws.gov>
Subject: Glenn Ranch Well Data for August

Hi all,

I am sorting through the well data and developing a set of analyses for the report that I plan to produce next week. I seek to describe the relationship between Glenn Ranch Well and two additional wells (i.e., Slaughter House Ranch and Middle Well). However, I need CBP data

for the month of August to match the data collected at the Refuge. In the past CBP sent the data file directly to Juliette. Are they working directly with one of you (Bill and Cassondra)? Or is another person acting as the POC (i.e., Steve R. or Sarah L.)?

Many thanks,
Randy

David R. Stewart, Ph.D.
Regional Statistician (Refuges)
U.S. Fish and Wildlife Service
National Wildlife Refuge System
Interior Regions 6, 7, and 8

P.O. Box 1306
500 Gold Avenue SW, Room 4007
Albuquerque, NM 87103-1306
Work: 505-248-6642
ResearchGate: https://www.researchgate.net/profile/David_Stewart26
Google Scholar: <https://scholar.google.com/citations?user=j8gEIrMAAAAJ&hl=en>

Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

(b) (7)(E)

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19				
10/30/19				
11/30/19				
12/20/19				
01/31/19				
02/15/20				
02/22/20				
02/25/20				
03/02/20				
03/05/20				
03/09/20				
03/16/20				
03/23/20	153,455			
03/30/20	238,400			
04/06/20	291,033	9,913		
04/14/20	376,525	73,540		
04/20/20	405,280	94,586		
04/27/20	407,383	89,980		
05/04/20	491,017	103,445		
05/12/20	451,783	107,340	22,400	
05/18/20	476,233	115,167	14,133	
05/28/20	418,100	102,460	14,700	
06/01/20	511,125	65,050	41,975	

of Work Days

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Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
Total well withdrawal	57,247,500	10,887,360	1,092,500	69,227,360

(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
6/15/2020	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
07/13/20	479,217	248,067	22,050
07/20/20	400,533	142,800	21,700
Average daily withdrawal	405,743	120,040	17,890

of Work Days

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Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

(b) (7)(E)

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19				
10/30/19				
11/30/19				
12/20/19				
01/31/19				
02/15/20				
02/22/20				
02/25/20				
03/02/20				
03/05/20				
03/09/20				
03/16/20				
03/23/20	153,455			
03/30/20	238,400			
04/06/20	291,033	9,913		
04/14/20	376,525	73,540		
04/20/20	405,280	94,586		
04/27/20	407,383	89,980		
05/04/20	491,017	103,445		
05/12/20	451,783	107,340	22,400	
05/18/20	476,233	115,167	14,133	
05/28/20	418,100	102,460	14,700	
06/01/20	511,125	65,050	41,975	

of Work Days

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Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	481,300	2,009,100
Total well withdrawal	58,454,500	11,208,160	1,573,800	71,236,460

(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
6/15/2020	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
07/13/20	479,217	248,067	22,050
07/20/20	400,533	142,800	21,700
07/27/20	201,167	53,467	80,217
Average daily withdrawal	394,976	116,124	23,556

of Work Days

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From: [Burck, Peter](#)
To: [Wolaver, Brad D](#)
Subject: Re: [EXTERNAL] CBP Water Use near (b) (7)(E) Update
Date: Monday, February 1, 2021 2:11:14 PM

Hi Brad,

Thanks! I'll update the spreadsheet, figures, tables and OneDrive folder containing these data files accordingly. I'll send Randy the new spreadsheet.

Please contact me if you have questions. Thank you.

Peter

Peter W. Burck, CGWP
Hydrologist
US Fish & Wildlife Service
National Wildlife Refuge System
Division of Water Resources

Physical Address:

500 Gold Avenue Southwest
Albuquerque, NM 87102

Mailing Address:

P.O. Box 1306
Albuquerque, NM 87103

505.248.7961 (Office)

https://www.researchgate.net/profile/Peter_Burck

From: Wolaver, Brad D <brad_wolaver@fws.gov>
Sent: Monday, February 1, 2021 2:05 PM
To: Burck, Peter <peter_burck@fws.gov>
Subject: FW: [EXTERNAL] CBP Water Use near (b) (7)(E) Update

Here you go Peter

Thx
B

From: Reagan, Steve <steve_reagan@fws.gov>
Sent: Monday, February 1, 2021 1:17 PM

To: Stewart, David R <david_stewart@fws.gov>; Radke, Bill <bill_radke@fws.gov>; Harden, Tasha <Tasha_Harden@fws.gov>; Garrett, Alice <alice_garrett@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>

Subject: Fw: [EXTERNAL] CBP Water Use near (b) (7)(E) Update

From: (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Sent: Monday, February 1, 2021 12:40

To: Burck, Peter <peter_burck@fws.gov>; Wolaver, Brad D <brad_wolaver@fws.gov>; Reagan, Steve <steve_reagan@fws.gov>

Cc:

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Subject: [EXTERNAL] CBP Water Use near (b) (7)(E) Update

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Good afternoon,

Here is the latest water use update for wells near (b) (7)(E)

Best,

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

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From: (b) (6), (b) (7)(C)
To: [Reagan, Steve](#)
Cc: (b) (6), (b) (7)(C); [Nguyen, Brandon SPB](#)
Subject: [EXTERNAL] (b) (7)(E) Water Use Update
Date: Friday, August 21, 2020 5:04:26 PM
Attachments: [CBP \(b\) \(7\)\(E\) Water and Well Data 21 August 2020.pdf](#)

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon Steven,

Please see the attached document for the weekly water use update.

Have a nice weekend,

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

Water Use (Sept 2019 - August 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

(b) (7)(E)

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19				
10/30/19				
11/30/19				
12/20/19				
01/31/19				
02/15/20				
02/22/20				
02/25/20				
03/02/20				
03/05/20				
03/09/20				
03/16/20				
03/23/20	153,455			
03/30/20	238,400			
04/06/20	291,033	9,913		
04/14/20	376,525	73,540		
04/20/20	405,280	94,586		
04/27/20	407,383	89,980		
05/04/20	491,017	103,445		
05/12/20	451,783	107,340	22,400	
05/18/20	476,233	115,167	14,133	
05/28/20	418,100	102,460	14,700	
06/01/20	511,125	65,050	41,975	

of Work Days

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Water Use (Sept 2019 - August 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
Total well withdrawal	68,368,100	14,024,160	1,648,300	84,040,560

(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
06/15/20	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
07/13/20	479,217	248,067	22,050
07/20/20	400,533	142,800	21,700
07/27/20	201,167	53,467	11,567
08/03/20	393,100	132,433	32,217
08/10/20	704,550	195,733	23,167
08/17/20	554,617	141,167	25,683
Average daily withdrawal	416,219	122,172	19,395

of Work Days

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From: (b) (6), (b) (7)(C)
To: [Fernandez, Juliette](#)
Cc: [Reagan, Steve](#); (b) (6), (b) (7)(C) [Nguyen, Brandon SPB](#)
Subject: [EXTERNAL] (b) (7)(E) Well Water Use
Date: Friday, July 10, 2020 11:48:44 AM
Attachments: [CBP Water and Well Data 10 July 2020.pdf](#)

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Hi Juliette,

Here is the latest update for well water use in the (b) (7)(E) area.

Best,
Yuliya

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

4819 Emperor Blvd., Suite 400, Durham, NC 27703

(b) (6), (b) (7)(C)

<http://www.dawson8a.com>

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Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040		3,354,740
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

(b) (7)(E)

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19				
10/30/19				
11/30/19				
12/20/19				
01/31/19				
02/15/20				
02/22/20				
02/25/20				
03/02/20				
03/05/20				
03/09/20				
03/16/20				
03/23/20	153,455			
03/30/20	238,400			
04/06/20	291,033	9,913		
04/14/20	376,525	73,540		
04/20/20	405,280	94,586		
04/27/20	407,383	89,980		
05/04/20	491,017	103,445		
05/12/20	451,783	107,340		
05/18/20	476,233	115,167	14,133	
05/28/20	418,100	102,460	14,700	
06/01/20	511,125	65,050	41,975	

of Work Days

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Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
Total well withdrawal	51,969,000	8,542,160	695,600	61,206,760

(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
6/15/2020	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
Average daily withdrawal	401,477	109,270	16,894

of Work Days

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From: (b) (6), (b) (7)(C)
To: [Reagan, Steve](#)
Cc: (b) (6), (b) (7)(C); [Nguyen, Brandon SPB](#); (b) (6), (b) (7)(C)
Subject: [EXTERNAL] Tucson Water Use Update
Date: Friday, August 14, 2020 3:19:40 PM
Attachments: [CBP \(b\) \(7\)\(E\) Water and Well Data 14 August 2020.pdf](#)

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Good afternoon,

Please see the attached document for the weekly water use update.

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

(b) (6), (b) (7)(C)

Water Use (Sept 2019 - August 2020)
Tucson 3 (20 mi)

(b) (7)(E)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19				
10/30/19				
11/30/19				
12/20/19				
01/31/19				
02/15/20				
02/22/20				
02/25/20				
03/02/20				
03/05/20				
03/09/20				
03/16/20				
03/23/20	153,455			
03/30/20	238,400			
04/06/20	291,033	9,913		
04/14/20	376,525	73,540		
04/20/20	405,280	94,586		
04/27/20	407,383	89,980		
05/04/20	491,017	103,445		
05/12/20	451,783	107,340	22,400	
05/18/20	476,233	115,167	14,133	
05/28/20	418,100	102,460	14,700	
06/01/20	511,125	65,050	41,975	

of Work Days

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Water Use (Sept 2019 - August 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
Total well withdrawal	65,040,400	13,177,160	1,494,200	79,711,760

(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
06/15/20	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
07/13/20	479,217	248,067	22,050
07/20/20	400,533	142,800	21,700
07/27/20	201,167	53,467	11,567
08/03/20	393,100	132,433	32,217
08/10/20	704,550	195,733	23,167
Average daily withdrawal	409,628	121,173	18,912

of Work Days

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From: (b) (6), (b) (7)(C)
To: [Fernandez, Juliette](#); [Reagan, Steve](#)
Cc: (b) (6), (b) (7)(C); [Nguyen, Brandon SPB](#)
Subject: [EXTERNAL] Tucson well data
Date: Friday, July 17, 2020 2:32:59 PM
Attachments: [CBP \(b\) \(7\)\(E\) Water and Well Data 17 July 2020.pdf](#)

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Good afternoon Juliette and Steve,

Attached is the most recent well report for the Tucson 3 project area near (b) (7)(E)

Yuliya

(b) (6), (b) (7)(C)

Environmental Scientist

DAWSON

4819 Emperor Blvd., Suite 400, Durham, NC 27703

(b) (6), (b) (7)(C)

<http://www.dawson8a.com>

Kūpono Ka Hana – Excellence in Service

Our Mission - To have a positive impact on the lives of our employees,
their families, and our communities by serving our strategic clients every day

Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

(b) (7)(E)

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19				
10/30/19				
11/30/19				
12/20/19				
01/31/19				
02/15/20				
02/22/20				
02/25/20				
03/02/20				
03/05/20				
03/09/20				
03/16/20				
03/23/20	153,455			
03/30/20	238,400			
04/06/20	291,033	9,913		
04/14/20	376,525	73,540		
04/20/20	405,280	94,586		
04/27/20	407,383	89,980		
05/04/20	491,017	103,445		
05/12/20	451,783	107,340	22,400	
05/18/20	476,233	115,167	14,133	
05/28/20	418,100	102,460	14,700	
06/01/20	511,125	65,050	41,975	

of Work Days

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Water Use (Sept 2019 - July 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
Total well withdrawal	54,844,300	10,030,560	962,300	65,837,160

(b) (7)(E)

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
6/15/2020	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
07/13/20	479,217	248,067	22,050
Average daily withdrawal	406,050	118,523	17,467

of Work Days

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From: (b) (6), (b) (7)(C)
To: [Reagan, Steve](#); [Wolaver, Brad D](#)
Cc: (b) (6), (b) (7)(C); ["Nguyen, Brandon SPB"](#); (b) (6), (b) (7)(C)
Subject: [EXTERNAL] Weekly water use near (b) (7)(E)
Date: Friday, September 11, 2020 3:28:11 PM
Attachments: CBP (b) (7)(E) [Water and Well Data 11 September 2020.pdf](#)

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Good afternoon,

Here is the weekly water report for wells near (b) (7)(E)

Please note that the contractor had a long Labor Day weekend and meter readings were taken Wednesday 9/9 when the contractor came back to work, instead of the usual Monday reading.

Best,
Yuliya

(b) (6), (b) (7)(C)
Environmental Scientist
DAWSON
(b) (6), (b) (7)(C)

Water Use (Sept 2019 - September 2020)
Tucson 3 (20 mi)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19	0			0
10/30/19	3,688,700			3,688,700
11/30/19	2,731,400			2,731,400
12/20/19	1,510,900			1,510,900
01/31/19	1,805,700			1,805,700
02/15/20	N/A			0
02/22/20	N/A			0
02/25/20	5,084,800			5,084,800
03/02/20	986,600			986,600
03/05/20	92,100			92,100
03/09/20	445,200			445,200
03/16/20	167,700			167,700
03/23/20	844,000			844,000
03/30/20	1,430,400			1,430,400
04/06/20	1,746,200	59,480		1,805,680
04/14/20	1,506,100	294,160		1,800,260
04/20/20	2,026,400	472,930		2,499,330
04/27/20	2,444,300	539,880		2,984,180
05/04/20	2,946,100	620,670		3,566,770
05/12/20	2,710,700	644,040	134,400	3,489,140
05/18/20	2,857,400	691,000	84,800	3,633,200
05/28/20	2,090,500	512,300	73,500	2,676,300
06/01/20	2,044,500	260,200	167,900	2,472,600

(b) (7)(E)

	Daily Withdrawals (gallons)			
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	

09/30/19				
10/30/19				
11/30/19				
12/20/19				
01/31/19				
02/15/20				
02/22/20				
02/25/20				
03/02/20				
03/05/20				
03/09/20				
03/16/20				
03/23/20	153,455			
03/30/20	238,400			
04/06/20	291,033	9,913		
04/14/20	376,525	73,540		
04/20/20	405,280	94,586		
04/27/20	407,383	89,980		
05/04/20	491,017	103,445		
05/12/20	451,783	107,340	22,400	
05/18/20	476,233	115,167	14,133	
05/28/20	418,100	102,460	14,700	
06/01/20	511,125	65,050	41,975	

of Work Days

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Water Use (Sept 2019 - September 2020)
Tucson 3 (20 mi)

(b) (7)(E)

(b) (7)(E)

	Weekly Withdrawals (gallons)			Total Weekly Withdrawal (gallons)
Serial #	(b) (7)(E)	(b) (7)(E)		
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
Coordinates				
Well Type	Rehab	New	New	
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)	
06/08/20	2,940,200	958,700	108,100	4,007,000
06/15/20	3,534,300	891,000	97,400	4,522,700
06/22/20	1,993,100	733,300	38,300	2,764,700
06/29/20	3,520,800	1,539,900	92,300	5,153,000
07/06/20	820,900	324,600	33,300	1,178,800
07/13/20	2,875,300	1,488,400	132,300	4,496,000
07/20/20	2,403,200	856,800	130,200	3,390,200
07/27/20	1,207,000	320,800	69,400	1,597,200
08/03/20	2,358,600	794,600	193,300	3,346,500
08/10/20	4,227,300	1,174,400	139,000	5,540,700
08/17/20	3,327,700	847,000	154,100	4,328,800
08/24/20	3,127,000	851,900	96,900	4,075,800
08/30/20	4,298,600	1,224,800	143,300	5,666,700
09/09/20	2,248,000	841,600	82,500	3,172,100
Total well withdrawal	78,041,700	16,942,460	1,971,000	96,955,160

	Daily Withdrawals (gallons)		
Serial #	(b) (7)(E)	(b) (7)(E)	
Segment	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
Coordinates			
Well Type	Rehab	New	New
Station #	(b) (7)(E)	(b) (7)(E)	(b) (7)(E)
06/08/20	490,033	159,783	18,017
06/15/20	589,050	148,500	16,233
06/22/20	332,183	122,217	6,383
06/29/20	586,800	256,650	15,383
07/06/20	205,225	81,150	8,325
07/13/20	479,217	248,067	22,050
07/20/20	400,533	142,800	21,700
07/27/20	201,167	53,467	11,567
08/03/20	393,100	132,433	32,217
08/10/20	704,550	195,733	23,167
08/17/20	554,617	141,167	25,683
08/24/20	521,167	141,983	16,150
08/30/20	716,433	204,133	23,883
09/09/20	449,600	168,320	16,500
Average daily withdrawal	433,760	128,604	19,470

of Work Days
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