1	
2	
3	
4	
5	
6	
7	
8	
9	MINUTES OF THE
10	MINUTES OF THE
	THE CITY OF SANTA FE & SANTA FE COUNTY
11	THE CITY OF SANTA FE & SANTA FE COUNTY
12	
13	BUCKMAN DIRECT DIVERSION BOARD MEETING
14	
15	February 6, 2020
16	•
17	This meeting of the Santa Fe County/City Buckman Direct Diversion Board meeting
18	was called to order by Commissioner Anna Hamilton, Chair, at 4:00 p.m. in the Santa Fe
19	City Council Chambers, 200 Lincoln Avenue, Santa Fe, New Mexico.
20	
21	Roll was called and the following members were present:
22	• •
23	BDD Board Members Present: Member(s) Excused:
24	Commissioner Anna Hamilton, Chair [None]
25	Councilor JoAnne Vigil Coppler
26	Councilor Carol Romero-Wirth
27	Commissioner Anna Hansen
28	Citizen Member Denise Fort
29	
30	Mr. Tom Egelhoff [non-voting]
31	
32	BDD Board Alternate Members Present:
33	Ginny Selvin [Las Campanas alternate]
34	Mr. J.C. Helms
35	
36	Others Present:
37	Rick Carpenter, BDD Facilities Manager
38	Nancy Long, BDD Board Consulting Attorney
39	Mackie Romero, BDD Finance Manager
40	Bernardine Padilla, BDD Public Relations Coordinator
41	Randy Sugrue, BDD Operations Superintendent
42	Alex Puglisi, City of Santa Fe
43	Jamie-Rae Diaz, City Administrative Assistant
44	Kyle Harwood, BDD Counsel
45	Shannon Jones, City, Public Utilities Director
46	James Bearzi, Glorieta GeoScience

1	
2	3. <u>APPROVAL OF AGENDA</u> [Exhibit 1: Agenda]
$\frac{2}{3}$	3. MITROVAL OF AGENDA
4	There were no changes to the agenda and Commissioner Hansen moved to
5	approve as published. Councilor Vigil Coppler seconded and the motion passed by
6	unanimous voice vote.
7	
8	4. APPROVAL OF CONSENT AGENDA
9	9. Update on Operating Plan
10	12. Update on Firearms Use in Proximity of the BDD Facility
11	
12	CHAIR HAMILTON: Are there any changes?
13	COMMISSIONER HANSEN: Yes, Madam Chair.
14	CHAIR HAMILTON: Commissioner Hansen.
15	COMMISSIONER HANSEN: I don't have anything to take off or talk
16	about but I just want to thank Mr. Carpenter for looking into number 12 and the issues
17	about the firearms.
18	CHAIR HAMILTON: Okay, so we're actually on the approval of the
19	minutes
20	COMMISSIONER HANSEN: Oh, we're on the minutes. The agenda says
21	we're on the consent agenda.
22	CHAIR HAMILTON: Oh, I always do the minutes first. My brain thinks
23	that should be first. I really apologize. Thank you, Commissioner. Okay, the consent
24	agenda. Thank you, and nobody has anything to remove?
25	COMMISSIONER HANSEN: I just thanked him. I move to approve the
26	Consent Agenda.
27	COUNCILOR VIGIL COPPLER: Second.
28	CHAIR HAMILTON: Thanks. A motion and a second. Is there any
29	discussion? A motion and a second.
30	
31	The motion passed by unanimous [5-0] voice vote.
32	
33	5. APPROVAL OF MINUTES: January 9, 2020
34	
35	CHAIR HAMILTON: Okay, and now we're on approval of minutes. Yes,
36	Commissioner.
37	COMMISSIONER HANSEN: On page 6, line 15 and line 18, it should
38	say Chair Hamilton instead of Commissioner Hansen. Otherwise, I didn't see any other
39	changes. Are there any other changes from staff?
40	CHAIR HAMILTON: Does anybody else have changes to the minutes?
41	What's the pleasure of the Board?
42	COMMISSIONER HANSEN: I move to approve with those changes.
43	COUNCILOR VIGIL COPPLER: Second.
44	CHAIR HAMILTON: Thanks. I have a motion and a second.
45	
46	The motion passed by unanimous [5-0] voice vote.

2 6. **REPORT ON THE FEBRUARY 4, 2020 FISCAL SERVICES AUDIT COMMITTEE (FSAC)**

3 4

1

5 MACKIE ROMERO (BDD Financial Manager): Madam Chair, members 6 of the Board, the Fiscal Service and Audit Committee was held on Tuesday, February 4th 7 via conference call. In attendance: Rick Carpenter, myself, Commissioner Hamilton, 8 John Dupuis, and Ginny Sullivan. I did provide an update on the audit and that update is 9 that within a couple of weeks the auditor does plan to be onsite at BDD to start preparing 10 test work and preliminary financial statement preparation; however, they are anticipating to have to issue a second letter to the State Auditor with an estimated completion date of 11 June. So we had already submitted to the State Auditor that the audit would be done in 12 13 March but it looks like we will not meet that deadline. I will continue to provide updates 14 to the Board and FSAC and during this meeting as we continue to try and get this audit 15 done.

- 16
- 17 18

CHAIR HAMILTON: Do you mind questions as you go? MS. ROMERO: No.

CHAIR HAMILTON: Commissioner Hansen.

19 COMMISSIONER HANSEN: So, maybe I just misheard you or didn't 20 hear you, why are we delaying the audit?

21 MS. ROMERO: Madam Chair, Commissioner Hansen, the audit is 22 delayed because the City is delayed so as the City is the fiscal agent and BDD is very 23 much tied to the City until they are done with their portion, BDD cannot proceed with our 24 portion.

25 CHAIR HAMILTON: So I can add something because we did have a 26 discussion about this on the phone and a suggestion was made and I think Mr. Carpenter 27 made some good suggestions in that respect to support looking at, examining possibilities 28 for ways that specifically for purposes of the audit, the things that typically have been 29 delayed at the City and that are holding us up, to look at the possibility of separating 30 BDD from the City in those regards so making it so our audit would not be held up. 31 Because there was concern expressed, and I certainly – I was definitely one that 32 expressed concern about having repeated audit delays. That is a bad finding for BDD and 33 it has impacts to us and it's not actually because of BDD failures. So to the extent that it 34 is possible to do some separations and Mackie and Mr. Carpenter have both suggested 35 one of those things that is critical and very difficult to reconcile that could potentially, 36 we'd have to investigate it is the cash accounts. And I don't know if either of you have 37 something to say about that but that was essentially the discussion that went around to 38 avoid this in the future. 39 MS. ROMERO: Madam Chair, member of the Board, these same 40 discussions have occurred between me and the City Finance Department and they have

41 hired a consultant to start exploring those exact ideas and I will be part of those

42 conversations and as they have those ideas if there's anything more that I need from the

43 Board to get approved to maybe, hopefully, start that separation, I'll definitely bring that

44 back for consideration. But I'm glad to know that the City on the Finance side is also

45 looking at those options.

1	CHAIR HAMILTON: Well, that's great. It's great to hear that there's
2	some cooperation. The other interactions are great and I mean that sincerely. I have
3	every respect that the City is trying to deal with this to the very best extent that they can
4	but to the extent that their avenues for rectifying it within the BDD and having that little
5	bit of separation so that one thing isn't tied to the other, that would be great to look into.
6	MS. ROMERO: Thank you.
7	CHAIR HAMILTON: Are there other questions or comments just on that
8	piece?
9	COMMISSIONER HANSEN: Madam Chair, I support the separation.
10	CHAIR HAMILTON: Thank you, Mackie and thank you Commissioner.
11	MS. ROMERO: Thank you. The other items on the agenda were the
12	report on the second quarter financial report which I will be presenting to the Board and
13	then we also discussed our annual operating budget request for fiscal year 2021 which
14	will also be presented to you tonight. So I do thank everyone who participated on the
15	conference call on that snowy night. It was a good meeting. Unless there's any questions
16	or comments, that is the end of my report. Thank you.
17	CHAIR HAMILTON: Thank you. And it was a good meeting even
18	though it was on the phone it was actually a very production conference call, a very
19	comfortable way to do that meeting which almost surprised me. You always think in
20	person is a lot better. And just for the record, there were a lot of accidents on the road
21	that day and evening so I was grateful for having it as a conference call.
22	Are there any questions? Thank you, Mackie.
23	
24	INFORMATIONAL ITEMS
25	
25 26	INFORMATIONAL ITEMS7. Monthly Update on BDD Operations
25 26 27	7. Monthly Update on BDD Operations
25 26 27 28	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue.
25 26 27 28 29	 Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam
25 26 27 28 29 30	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly
25 26 27 28 29 30 31	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January
25 26 27 28 29 30 31 32	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at
25 26 27 28 29 30 31 32 33	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of
25 26 27 28 29 30 31 32 33 34	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not
25 26 27 28 29 30 31 32 33	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of
25 26 27 28 29 30 31 32 33 34 35 36	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day.
25 26 27 28 29 30 31 32 33 34 35 36 37	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day.
25 26 27 28 29 30 31 32 33 34 35 36	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day.
25 26 27 28 29 30 31 32 33 34 35 36 37 38	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual diversions for the month are approximately are depicting on the graph on the bottom. I stand for questions.
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual diversions for the month are approximately are depicting on the graph on the bottom. I
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual diversions for the month are approximately are depicting on the graph on the bottom. I stand for questions.
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual diversions for the month are approximately are depicting on the graph on the bottom. I stand for questions. CHAIR HAMILTON: Any questions from the Board? Apparently not. Oh, yes, please.
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual diversions for the month are approximately are depicting on the graph on the bottom. I stand for questions. CHAIR HAMILTON: Any questions from the Board? Apparently not. Oh, yes, please. MEMBER FORT: One question and this is on your second page. What's the reason that the City reservoirs are at about 30 percent capacity? Is that just normal
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual diversions for the month are approximately are depicting on the graph on the bottom. I stand for questions. CHAIR HAMILTON: Any questions from the Board? Apparently not. Oh, yes, please. MEMBER FORT: One question and this is on your second page. What's the reason that the City reservoirs are at about 30 percent capacity? Is that just normal for runoffs so far this year?
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	7. Monthly Update on BDD Operations CHAIR HAMILTON: Mr. Sugrue. RANDY SUGRUE (Operations Superintendent): Thank you, Madam Chair, members of the Board, operations for the month of January have not been terribly adversely affected by winter weather. Raw water diversions for the month of January averaged 4.9 million gallons per day. Drinking water deliveries averaged close to that at 4.8 million gallons per day. There's a slight correction – Las Campanas toward the end of the month did divert for about three days for a total of around 3.5 million gallons total not per day. And the onsite treated and non-treated water storage was approximately .13 million gallons per day. The BDD is providing approximately 80 percent of the water supply to the City and County for the month. We have a brief drought summary attached and the annual diversions for the month are approximately are depicting on the graph on the bottom. I stand for questions. CHAIR HAMILTON: Any questions from the Board? Apparently not. Oh, yes, please. MEMBER FORT: One question and this is on your second page. What's the reason that the City reservoirs are at about 30 percent capacity? Is that just normal

1	actually a bit above average in the Sangre de Cristos but the melting snow is at a
2	minimum of a little over a million gallons per day that comes in. So the reservoir is
3	maintaining a fairly low level getting ready for the spring runoff. They want to make
4	sure that they have plenty of room.
5	MEMBER FORT: So we are expecting full reservoirs this year?
6	MR. SUGRUE: We are always hopeful. At this point, snow is above
7	average in southern Colorado. We haven't got a report since January 1 st so we're
8	expecting more information in the next few weeks on snowfall.
9	CHAIR HAMILTON: Any other questions? Excellent. Thank you so
10	much, Randy.
11	MR. SUGRUE: Thank you.
12	
13	8. Report from the Interim BDD Facilities Manager
14 15	MD. CADDENTED, Thouse Madam Chain and members of the Doord
15 16	MR. CARPENTER: Thank you, Madam Chair and members of the Board.
17	I only have a couple updates on staffing. The operations group has filled the final position
17	in that group, water operator and lead position, and that individual will start this coming Monday, February 10 th . Also, the contract administrator position, we conducted
18 19	interviews, made an offer, that offer had been accepted and those documents are with
20	Human Resources being processed now.
20	With that, I will stand for questions.
22	CHAIR HAMILTON: Thank you. Any questions, comments? I think it's
22	really good to have filled that last position and the position that is Mackie's support
23 24	position, I think it gives everybody a little bit of relief that efforts are distributed better
25	and Mackie's head isn't going to explode anytime soon.
26	and mackie s nead isn't going to explore anythine soon.
27	9. Report on Facilities Manager
28	
29	CHAIR HAMILTON: Welcome. We don't get to see you every single
30	time, at least at the microphone.
31	SHANNON JONES (City Public Utilities Department Director): Madam
32	Chair, thank you. Madam Chair, members of the Board, my name is Shannon Jones. I
33	am the City of Santa Fe's Public Utilities Department Director. It is my pleasure to
34	present to you tonight and I appreciate your time in doing so.
35	What I wanted to communicate on the facilities manager is that Rick Carpenter,
36	the interim facilities manager, has accepted the position. There was a process that they
37	went through with representatives from the City, the County and the Board that brought
38	together a committee that interviewed. It was a unanimous recommendation that we went
39	forward with. Rick has been involved with the Buckman Direct Diversion through
40	design, construction, operations - probably the most well-versed individual I know on the
41	Buckman Direct Diversion. He has served in interim for almost two years and I think has
42	done a tremendous job and I appreciate his willingness not to just serve in that role but
43	now to step up in a permanent fashion and continue his progress there.
44	I'd like to personally thank the Board for the work that you guys do. For the
45	amazing job and also the professional courtesies and considerations that you have given
46	us as we've worked through this progress. Again, thank you for giving me the

1	apportunity to present to you Diels Computer who will be the DDD facilities manager
1 2	opportunity to present to you Rick Carpenter who will be the BDD facilities manager. [Applause]
$\frac{2}{3}$	CHAIR HAMILTON: Not a big presentation but it's symbolic in getting
3 4	rid of that "interim" word. Congratulations. We are very, very glad that we have you
5	permanently, officially and I don't know if you'd like – if you don't have other things to
6	worry about and only the facility because you've been wearing multiple hats and I don't
7	know how quickly you'll be able to get rid of the other hats but hopefully that's soon and
8	we're really looking forward to this.
9	MR. CARPENTER: Thank you, Madam Chair and members of the Board.
10	Yes, the transition I think will happen within just a couple of weeks and I'll be able to
11	concentrate solely on the work of the Board.
12	CHAIR HAMILTON: Outrageous, that's great. Any other comments?
13	Commissioner.
14	COMMISSIONER HANSEN: Congratulations. I think it's the right move
15	at the right time and we all look forward to continue working with you. Thank you.
16	MEMBER FORT: I'd add my congratulations. They told me I'd be
17	surprised and I am very happy to hear this.
18	CHAIR HAMILTON: We made her wait for the official announcement.
19	Yes, Councilor.
20	COUNCILOR VIGIL COPPLER: Thank you. I would also like to
21	congratulate you and someone once said, be careful what you wish for. Good luck in
22	your new job.
23	MR. CARPENTER: Thank you, I am looking forward to it.
24	CHAIR HAMILTON: Excellent, yes, Councilor and then JC.
25	COUNCILOR ROMERO-WIRTH: Not to be left out, congratulations.
26	MR. CARPENTER: Thank you.
27	JC HELMS: You'll do a great job. Congratulations.
28	MR. CARPENTER: Thank you very much.
29	GINNY SULLIVAN: And I will say the same from Las Campanas.
30	We're really pleased.
31	MR. CARPENTER: Thank you.
32	CHAIR HAMILTON: Thank you and thank you so much, Shannon.
33	MR. JONES: Thank you.
34	
35	10. Report on 2 nd Quarter Financial Position for Fiscal Year 19/20
36	MG DOMERO: Malan Chair members of the Decal the rement that it
37	MS. ROMERO: Madam Chair, members of the Board, the report that is in
38	your packet is to update the BDD Board and its partners of the second quarter financial
39 40	position as of December 31, 2019. I have provided a budget overview. This is a
40	financial plan that quantifies our current and future operations. It includes our fiscal year
41 42	19/20 adopted budget with any adjustments. We have our expenditures for services and $\frac{19}{2010}$. Ensurphronous which were any executed surphase
42 43	goods received as of 12/31/2019. Encumbrances which were any executed purchase
43 44	orders for goods and services and then there's a projected column that includes projected
44 45	salaries and benefits as currently staffed, pending requisitions and our contracts to be
45 46	executed within the fiscal year. As you can see from the report our expenditures in the second guarter were much higher than the first guarter. A lot of that is attributed to the
40	second quarter were much higher than the first quarter. A lot of that is attributed to the

1 fact that the City has a new accounting system and so it took us a little bit to get some 2 purchase orders and payments out the door. But, that's where you'll see most of the 3 increase there. Based on our encumbrances and projections we are expected to spend 4 about 91 percent of our budget with the vacancy savings of \$371,000.

5 In my report I also have the 90-day cash reserve credit which this is cash reserves 6 that we hold to cover our future and current expenditures until we get reimbursed from 7 our partners. The next graph is our fixed and variable cost. This demonstrates the 8 reimbursements that we get from our partners and the billings that go out to the partners. 9 So that process has been done through our accounting system and invoices will be issued 10 out tomorrow to the partners.

The second page of the report is our "other funds." We have our major repair and 11 12 replacement fund which receives a yearly contribution of \$626,706. The current year contribution has not been billed to the partners yet but that should go out by the end of 13 the month. With that billings and the money that has been authorized by the Board, we 14 have a project cash balance of \$1,772,786. The Board has authorized about \$645,000 for 15 16 ongoing either new equipment or replacement. You can see in the second quarter we paid a little bit over \$370,000 and that was for our repairs on the raw water lift station 17 18 pumps.

19 20

27

28

29

30

33

34

35

Unless the Board members have any questions on the report, that's the end of my presentation.

CHAIR HAMILTON: Thank you. Are there questions? Certainly one of the questions that came up in the FSAC meeting had to do with the sort of big change between the first quarter and the second quarter and did Mackie think that that was averaging out for lack of a better way to express that. That that wasn't a big blip but just delays and it was still within expectations of the budget for the whole and she said it was. I can't think of any other questions we had or points that were made.

- MS. ROMERO: I think that was it.
 - CHAIR HAMILTON: Great, thank you.
 - MS. ROMERO: Okay, thank you.
- 31 DISCUSSION AND ACTION
- 32 10. Updates and Possible Action on Rio Grande Water Quality Issues
 - [Exhibit 2: Draft comments to NMED 2016 LANL Consent Order; Exhibit 3: Draft comments on NPDES Permit # NM0028355; Exhibit 4: WOTUS points]
- 36 37 you.
- CHAIR HAMILTON: Mr. Harwood and Mr. Puglisi. Welcome to both of
- KYLE HARWOOD (BDD Counsel): Good afternoon, Board. Alex and I
 are going to present on 11 topics. There are 12 mentioned in the memo but one of them
 had the deadline moved so we don't need to address it this evening. I'll just take a
 moment to hand out the handouts that were prepared.

I will just say in way of introduction that at the last meeting I suggested and the
Board directed us to go ahead and bring back the list of topics that we've visited over the
last 16 months and to provide you updates on those topics and to provide
recommendations on how to prioritize these items for the 2020 work calendar. I know

46 we have some new members joining the Board and we will have an additional new

1 citizen member after tonight's meeting so Alex and I worked with Rick and the other 2 staff very closely on all of these water quality topics as well as you know the Board has 3 Glorieta GeoScience under contract and James Bearzi is here this evening as well to 4 support all of these integrated water quality topics in the Rio Grande.

5 Alex and I are going to share this list of topics. I'm sure you'll interrupt us if you 6 have questions because you have in the past.

7

CHAIR HAMILTON: I was going to say because we always do.

8 MR. HARWOOD: So I'll just start with that when I prepped this memo 9 last week or the week before there were three deadlines coming due before the next 10 Board meeting in March. That is an information comment deadline that NMED has 11 requested of the public including the Board. A formal comment deadline on LANL's 12 NPDES Industrial permit, which is number 2 and then number 3 on this memo, the public 13 meeting got delayed I believe because of weather in late January and so the comment 14 deadline has been extended until March 31, 2020. So we can bring you comments at the 15 March meeting regarding that permit. And as we wade through this list of topics – as we 16 get to the WOTUS topic you'll see that some of these things are very, very much up in 17 the air.

18 But on the first item, which is the memo that looks like this [*Exhibit 2*]. It's got 19 text on one side and then a little bit of text on the backside. NMED held a listening session on the night of our last Board meeting, if you remember, up at Los Alamos and at 20 21 that meeting they requested comment from the public generally. That comments are due on February 28th which, as I already mentioned, is before our next Board meeting on 22 23 March 5th and so this is much of the same sorts of issues and proposed comments that you 24 have heard over the last six or eight months from folks like Rachel Conn of Amigos 25 Bravos and Charlie de Saillan of the New Mexico Environmental Law Center and so we've summarized the issues and comments here. This is a draft and obviously we 26 27 propose to put this in a little more of a traditional format before it would be sent in to 28 New Mexico Environment Department. We've been told two things. One is that the 29 February 28th deadline is the deadline that they would like our comments by and the other 30 thing we've been told is that we can always tell them anything on our mind anytime. If 31 the Board chooses to try and meet this deadline this is essentially the outline that we're 32 recommending and I can step you through these. We have Alex and James to provide 33 any technical support on these comments if you have questions of those nature.

34 35

MEMBER FORT: Chair. CHAIR HAMILTON: Okay.

36 MEMBER FORT: Only good to start with an interruption. Could you just 37 set the frame work for how – what reason do we have to think the consent order will be 38 reopened? MR. HARWOOD: Well, I think – is it enough to say that we're hopeful.

39 40

41

MR. HARWOOD: NMED is now taking an approach that they wish to 42 gather comment on the consent order. They have heard from lots of corners, including 43 this Board, that the 2016 order on consent is a poor substitute for the previous 2005 order 44 on consent that entities such as the Board and others have real sincere concerns about 45 going forward on the 2016 order on consent. I think it remains to be seen what sort of things DOE and the National Nuclear Safety Administration are willing to agree to 46

COMMISSIONER HANSEN: May I comment?

1 voluntarily and for those things that they're not so excited about agreeing voluntarily 2 whether the state can regain the leverage that it once had. That's all to be determined. I 3 think if I perceive it correctly, NMED is trying to figure out what kind of things that they 4 would like changed and then they are going to determine what the path forward is on this. 5 This is a solicitation of comments on what should change. We obviously, as you 6 all know, and this is later on my memo, we have our own memorandum of agreement 7 between the Board and DOE under which we frankly don't have a lot of leverage but a 8 strong working relationship with the Department of Energy. So how these things fit 9 together is really up to the Board to decide. 10 CHAIR HAMILTON: Commissioner Hansen. 11 COMMISSIONER HANSEN: Member Fort and other Board members, 12 I've had conversations with Secretary Kenney and he is very interested in looking at the 13 consent order and as what Kyle said, I'm just verifying that he is interested in opening 14 this up and seeing where he can change it. We lost a lot of leverage as Mr. Harwood said 15 in the Martinez administration by the changes that were made in the 2016 Consent Order 16 but they are moving forward and that is why they want to hear from the public and 17 especially elected officials of what they want to see changed in the consent order. It will 18 be beneficial to protecting our drinking water and protecting us. 19 MEMBER FORT: Madam Chair, just to clarify. I am very pleased to hear 20 that the Environmental Department and the state will attempt to reopen it. I'm just very 21 pleased that we're participating in it. I just wanted to see if there was any response from 22 the other side. The consent order is signed and approved by a court and they don't 23 necessarily have to reopen it. Thank you. 24 CHAIR HAMILTON: Thanks. Any other questions? Thank you, Mr. 25 Harwood, you can proceed. 26 MR. HARWOOD: Thank you. So we will go ahead then. And if you 27 don't have any questions about the issues or the comments here, Alex and James and I 28 with direction from Rick will prepare a letter and circulate that to get everyone's 29 signature on. 30 CHAIR HAMILTON: Yes, that would be good. I think that has been the 31 Board's preference. And I assume, and we've breezed through these, but I assume if 32 anybody looks at them and has additional thoughts they should email you; is that a good 33 process within this week? 34 MR. HARWOOD: Yes. 35 CHAIR HAMILTON: I mean within the coming week. 36 MR. HARWOOD: Yes, please. We have a couple of weeks before the 37 actual due date but, yes, if you could contact me before the end of next week that would 38 be great. 39 CHAIR HAMILTON: Okay, thank you. 40 MR. HARWOOD: You all have my number and email. Yes, thank you 41 for clarifying the process, Madam Chair. Did you want to add anything? 42 CHAIR HAMILTON: Mr. Puglisi and then I'll go to Denise. 43 ALEX PUGLISI (City Environmental Compliance Specialist): I just 44 briefly just wanted to say that I've actually spoken with LANL staff and we're going to 45 try and set up some phone conversations about their applications and the permit. There

1	oh, I'm sorry. I thought we had moved on.
2	MR. HARWOOD: He's jumping the gate. He's really excited about the
3	next one.
4	CHAIR HAMILTON: I know. Member Fort.
5	MEMBER FORT: Madam Chair, is it permissible, Kyle, to give a copy of
6	this to the other citizen organizations that are interested or have you done so? Have you
7	given it to Rachel and Charlie de Saillan and others?
8	MR. HARWOOD: I have not given it to them yet because frankly I just
9	finished it a little while ago. I would be happy to send it to them now especially since
10	you the Board has seen it.
11	CHAIR HAMILTON: Right, I was going to say to do it in the appropriate
12	sequences is most better.
13	MR. HARWOOD: Okay, so Rachel Conn, Charlie de Saillan, and then
14	Joni Arends and –
15	MEMBER FORT: Joni Arends, yes.
16	MR. HARWOOD: And actually this will come up later – no, on this topic
17	I think those are the right interested folks.
18	CHAIR HAMILTON: Commissioner.
19 20	COMMISSIONER HANSEN: You might want to share it with
20	NukeWatch also, Jay Coghlan.
21 22	MR. HARWOOD: Great, I'll get that out to those folks tomorrow. Okay,
22	moving on to the far more exciting one which is a formal comment deadline on LANL's NPDES Industrial Permit, you have the second permit of the three. [<i>Exhibit 3</i>]
23 24	So the second of three is only one page and is draft. A quick comment outline.
25	This is a formal comment. The first one, if I didn't make it clear is an informal comment
25 26	deadline. This is a formal comment deadline under EPA's rules for providing comments
27	NPDES permits. So it's got a quick description of the entity providing comment. A
28	quick description of our project you all know that quite well. You'll see the last
29	sentence under the description of the project does point out that one of the 11 outfalls is
30	in our LA Pueblo Canyon watershed. If you remember some months ago we had a
31	presentation by a staffer who started to go through pictures of all 11 outfalls and I believe
32	it was Councilor Ives that said, can you just tell us about the one that is LA Pueblo
33	Canyon and then we spent some time – that's this outfall, TA53. You'll see here the
34	description of the current permit and the proposed changes, deleting limitations and
35	monitoring requirements, which staff, counsel and consultants all fee that this is not a
36	change that helps us. So you'll see a description of our concerns. The square bracket is
37	there and I think James and Alex would like to develop more detail on that
38	inconsistencies between the fact sheet and the permit so that – they'll often ignore a
39	comment if it's sufficiently detailed. So we want to provide you with them the real gist of
40	the disconnect between the fact sheet and the permit. That's the gist of what we'd like
41	your permission to go ahead and draft up as a more traditional format comment. I'd like
42	to ask Alex to add to that.
43	COUNCILOR ROMERO-WIRTH: Madam Chair.
44	CHAIR HAMILTON: Yes, Councilor.
45	COUNCILOR ROMERO-WIRTH: Mr. Harwood, what's the deadline for
46	this formal comment?

46 this formal comment?

MR. HARWOOD: The deadline for this is February 27th. 1 2 COUNCILOR ROMERO-WIRTH: And is the stuff that you're going to 3 add, the more detail, is that just highly technical? Should we see it before we authorize 4 this? 5 MR. PUGLISI: I would say for the most part it's pretty technical in the 6 sense that there were things reported on LANL's application that weren't necessarily 7 addressed by EPA and certain metals that were detected, albeit at low levels, for whatever 8 reason EPA did not include those in LANL's permits and so they may be on the order of 9 those – that type of comment. Like, chromium was detected in the application samples 10 that were taken by LANL and yet, for whatever reason, the permit writer did not put that in the permit itself. 11 12 CHAIR HAMILTON: Do you mean they didn't put in monitoring for that 13 or they didn't put in numeric limits? 14 MR. PUGLISI: They did not put in numeric limits for that. The other 15 thing that they didn't do is there could be certain outfalls that do have radioactive 16 contaminants in them that were not addressed in the permit. The reason being that the Atomic Energy Act controls those types of radionuclides; however, we do have a 17 18 downstream stream segment that actually has a report requirement on one certain radionuclide are exceeded and we asked both NMED in their certification and EPA to 19 20 address the fact that we are not going to know downstream whether or not we should be 21 looking for radionuclides if LANL is not reporting as part of their permit requirements. 22 CHAIR HAMILTON: Further follow up. Member Fort. 23 MEMBER FORT: Madam Chair, isn't this the darnedest NPDES permit 24 to not have limitations in reporting? 25 MR. HARWOOD: Right. But getting back to your question, Councilor, if 26 you've got concerns about the letter going out without you seeing it. This is a bit of an 27 unusual sequence, which I want to acknowledge, the deadline is near and it was our 28 proposal to do this. But I am happy to try and circulate the draft letter fully to the Board 29 before the deadline, if you'd be more comfortable doing that. 30 COUNCILOR ROMERO-WIRTH: Thank you. Madam Chair and Mr. 31 Harwood, I think we ought to – I mean I am happy to approve you going forward but I do 32 think that before it is submitted we probably should just take a look at it especially since it is going forward saying we are behind it and it just seems like we ought to know what 33 34 it actually says. 35 MR. HARWOOD: We plan on circulating it 10 days before the deadline and give ourselves some time to talk if there are questions or changes before the deadline 36 37 if that's okay. 38 COUNCILOR ROMERO-WIRTH: Thank you. 39 CHAIR HAMILTON: Commissioner Hansen. 40 COMMISSIONER HANSEN: I just want to point out that Councilor 41 Romero Wirth was not here when we had that presentation on the outfalls and so it would probably be a good idea for her to get a copy of that or the month of those minutes that 42 43 that happened so that you could get a copy of that. 44 COUNCILOR ROMERO-WIRTH: That would be great, thank you. 45 MR. HARWOOD: They are very exciting minutes. COUNCILOR ROMERO-WIRTH: Can't wait. [laughter] 46

1 COMMISSIONER HANSEN: As somebody who reads the minutes -2 CHAIR HAMILTON: Member Fort. 3 MEMBER FORT: May we assume that the Environment Department will 4 support our comments? 5 MR. PUGLISI: At the public meeting portion of it they seemed to 6 indicate that they would be supportive of like report requirements and they themselves 7 have indicated to EPA that they have some concerns about application materials and 8 reasonable probability with regards to the application submittal by LANL in terms of 9 how the EPA permit writer handled those. So, yes, I think they will be supportive of our 10 comments. 11 MEMBER FORT: And would it be acceptable to the Board again to share 12 this with Environmental Law Center, Amigos Bravos and the other two anti nuclear 13 groups? 14 MR. HARWOOD: I'll suggest we circulate it to them after we get the 15 draft to you all. 16 CHAIR HAMILTON: That's my suggestion I wanted to add on some of 17 the more specific things you mentioned Alex and the implications that were brought up initially even about not having limits included for certain metals and potentially other 18 19 things, all of those things that you mentioned just seem really important. And I wanted it, 20 as a personal opinion, and I'm sure the Board that everyone can weigh in when you bring 21 the letter back to us – I wanted to support putting those things in because the things you 22 picked up on seem pretty important. They're the things that are certainly important to 23 BDD in terms of being protected. Rumor does have it that EPA permit writers are being 24 pushed to be much more general, less specific, less constraining in their permits and I 25 agree that the things you mentioned seem like they are much less protective and 26 important to put in. 27 MR. PUGLISI: And as Kyle said, we'll certainly make sure that 28 everybody gets a copy of those comments before they're submitted. But I do agree with 29 you and actually every permit writer seems to have their own way of applying certain 30 things. And so it becomes somewhat convoluted when you have an institutional like 31 LANL where you have 11 outfall, most facilities only have one outfall. But I have to say 32 it is a lot less complicated than when LANL 141 outfalls, I believe at one time. 33 CHAIR HAMILTON: Thank you. Are there any other questions or 34 comments on this? Thank you, so I guess we can just move along. 35 MR. HARWOOD: Very good. And then the third one I mentioned here, 36 this deadline has been extended to the end of March. So we'll have comments and 37 hopefully a fully drafted letter for you in March so we don't have to do this two-step 38 process. 39 Just to be clear, I am going to send the NMED comments to Rachel Conn, Charlie 40 de Saillan, Joni Arends, Jay Coghlan and Scott Kovac. I'll go ahead and send them also 41 this which is just a draft outline. Once we get the final comment letters prepped and 42 circulated, I'll also forward them on to those same NGOs after you've seen the actual. IS 43 that okay? 44 COMMISSIONER HANSEN: Yes, thank you. 45 MR. HARWOOD: Great. Moving on. Mr. Carpenter, Mr. Bearzi and I met with our counterparts at the National Nuclear Safety Administration a couple of 46

1 weeks ago to talk about the BDD-DOE MOU and the fact that we are in the third and 2 final year of the current MOU to discuss a schedule and work plan for 2020. And I'd like to make some recommendations to the Boards. This is building on and patterned after the 3 4 effort we've used twice before. This is our third three-year MOU. We'll be looking at 5 our fourth to start January of 2021 and so we discussed with Doug Hintze and his counsel 6 the following schedule. That we would provide you in March at this Board meeting sort 7 of a retrospective on the current MOU, how it has worked, how the ENS has operated, 8 how we have spent the grant monies and sort of observe how the current MOU changed 9 from prior year MOUs so that you would all have a clear picture of where we've been. 10 At the April Board meeting, staff and counsel and consultants would bring to you a term 11 sheet of items that we would recommend be included in the coming negotiation with 12 LANL.

13 Mr. Hintze very much would like to get the Board up for a tour in May to look at 14 the various components of ENS, to look at other issues of interest and concern that the 15 Board may have. He is very excited to offer that tour. And as you all know there is no 16 substitute for going and seeing these things with your own eyes. And then we would then 17 at the staff level commit perhaps two or three meeting, hopefully not more, in May, June 18 and July to work on those principles and draft them into a new MOU in August. We 19 have a deadline we hope of August and then seek the Board's approval in October giving 20 ourselves sort of November as a little bit of slack and trying very much to avoid bringing 21 something to the last meeting of the year or the termination of the existing MOU.

That's our proposed schedule and work plan. As you will note, a key in here is that we would be bringing you our recommendations for a new MOU at the April Board meeting which is probably the most important topic in the near term.

25

34

CHAIR HAMILTON: Councilor Romero-Wirth.

COUNCILOR ROMERO-WIRTH: So August is what? You're going to write it May, June, July staff level and then August, what happens? You'll present it and we'll just digest it with the idea of coming back in October to approve it; is that the idea?

MR. HARWOOD: You could certainly approve it in September. There's a little bit of time in there to either call your congressman if they don't say yes to what we're requesting or other efforts that may be necessary if they are not agreeable to – if there's distance between their proposal and our proposal. But to certainly be acting on something by October, we hope. We don't want to go into 2021 without an MOU.

CHAIR HAMILTON: Commissioner Hansen.

COMMISSIONER HANSEN: I heard that Doug Hintze is retiring, he's
 leaving in a month.

37MR. HARWOOD: Is that right?38COMMISSIONER HANSEN: I heard that. I don't know if it's true. I'm

39 just putting that out there.

40 MR. HARWOOD: The Doug Hintze, the bald guy?

41 COMMISSIONER HANSEN: Yeah, I know who Doug Hintze is. Will 42 you check on that?

43 MR. HARWOOD: Yes, I will.

44 COMMISSIONER HANSEN: Because if we're in the middle of this
45 negotiation and we're going to get somebody new in here to have to deal with, that is a
46 little bit of a problem.

1	CHAIR HAMILTON: Yeah, that would be a real disruption.
2 3	MR. HARWOOD: Change is the only constant. We'll deal with whoever
	we need to work with. Doug is only the sixth or seventh person in that role that we've
4	worked with since the project started. But he has been a very good partner to work with
5	and –
6	COMMISSIONER HANSEN: He's been responsive, I agree.
7	MR. HARWOOD: So hearing no other guidance or direction from the
8	Board we'll go ahead and plan on this with whomever DOE and NNSA have for us to
9	work with; is that okay?
10	CHAIR HAMILTON: That sounds good.
11	MR. HARWOOD: Okay, very good. The next item was to determine
12	when you wanted Mr. Hintze to come back and present to the Board. I think it's fine to
13	go ahead and perhaps to pick a date perhaps in the spring for him to come –
14	CHAIR HAMILTON: Yes, go ahead.
15	COMMISSIONER HANSEN: I would like to suggest the April meeting.
16	MR. HARWOOD: The April meeting, okay.
17	COMMISSIONER HANSEN: And that's great. I was just going to ask if
18	there's some strategy between when you're presenting proposed items on the draft MOU
19	and when he's asking us to go on a tour.
20	MR. HARWOOD: Well, if we're going on a tour on May, April might be
21	a good time to catch up on first quarter activities. April is also when staff is proposing to
22	bring you our term sheet, so if it is Doug, we'll be talking about the term sheet and you
23	can gauge his level of excitement about it if he'll be at the meeting. And to the extent
24	that we need to have sort of more of a small working group format, non-quorum,
25	discussions between staff and Board members to flush out various points, we've done
26	that before in order to develop – because this stuff is fairly technical. Okay, I'm going to
27	keep going if it's alright because I am only half-way through my list.
28	I was asked to put this on the agenda: we have been exchanging letters with
28 29	NMED. Most recently, if you remember, on the cusp of our October meeting we
30	received a response letter from NMED dated the week earlier. I believe the thought here
31	is that it doesn't hurt to have a regular set of correspondence with Cabinet Secretary
32	Kenney and his staff about the Board's priorities because it gives them a chance – it
32	reminds them of our concerns. We are relying on NMED in a lot of ways to do some
33 34	heavy lifting for us. Obviously, this Board doesn't want to have to work on every water
35	
	quality issue itself and you've told us that in many ways and many times. So one
36	efficient way to do that is to get it in writing on letterhead with your signatures on it and
37	that does carry some weight over at the agency. So I think the suggestion is, if you would
38	like, it is obviously work to do this, but if you'd like we would bring you a draft letter
39 40	back at the next meeting to sort of pick up on the various topics and push them forward.
40	CHAIR HAMILTON: And this would include things like building on
41	meetings, some meetings we have had where we are identifying things that we are most
42	interested in or follow-ups from the letter and it will continue; that's the suggestion?
43	Okay, that sounds good. Commissioner Hansen.
44	COMMISSIONER HANSEN: I think it's important to continue that
45	dialogue especially since we have a lot of new staff at NMED and for them to get up to
46	speed. Just as an example, the 109.9 sampling station, they didn't really understand why

that was so important to us. That we needed that to turn off the intake. They didn't really 1 2 understand that. They thought that they could move it somewhere else where it might 3 work but after we explained that to them, they were much more agreeable and 4 understanding why the 109.9 sampling station on San I land is so important for the 5 Buckman Direct Diversion when the water is coming down the canyon and we need to 6 know. And not everything was working and it is still not working. So that's an issue that 7 we need to continue to work with the Pueblo and NMED and see what we can do about 8 that. 9 CHAIR HAMILTON: Thank you. Member Fort. MEMBER FORT: This may be in the items that you've got later because 10 you've the tri-annual review; would the pursuit of TMDLs be on that letter as an item 11 we're raised with them and they responded and so on, Mr. Harwood? 12 13 MR. HARWOOD: Yes, I think we would bring you at the March meeting 14 a draft letter of topics and suggested language and you would direct us whether you 15 wanted it included or not. I know TMDLs is a particular interest of yours so – 16 MEMBER FORT: I am going to be so sorry to not be present at that 17 meeting so I hope that TMDLs will be on the list and the same with respect to a drinking 18 water standard would be – public water supply standard for the affected reaches of the 19 Rio Grande. Again, something we've corresponded with them about and so it's a good 20 thing to keep moving it forward and I'm just checking to see that it will be moving 21 forward. 22 MR. HARWOOD: We are already missing you, Member Fort. I will 23 include that and let the Board direct us going forward. 24 MEMBER FORT: Thank you. 25 CHAIR HAMILTON: Thank you. Anybody else? 26 COMMISSIONER HANSEN: We'll be sure and invite you, Member Fort. 27 CHAIR HAMILTON: So we should move along. 28 MR. HARWOOD: Moving along, it is my distinct pleasure to introduce 29 Alex Puglisi to talk about the next item. It's a big one. 30 MR. PUGLISI: Basically, I took a lot of the facts from EPA's own press 31 release regarding Waters of the United States but I put a different slant to it because their press release was talking about how this was going to clarify the application of the Clean 32 33 Water Act to Waters of the United States and how the Clean Water Act would now apply 34 to certain waters when in fact what they did through the promulgation of the rule was 35 actually limit the number of waters that had been traditionally regulated under NPDES 36 permit program and under the Clean Water Act and so - where they felt like they added 37 clarity, I felt like they actually added ambiguity. And so you have the facts before you. 38 I think the biggest point I would add about WOTUS is obviously that we've 39 already talked quite a bit tonight about discharges from Los Alamos and how they affect 40 the BDD and the water supply of the City of Santa Fe. Since every one of the discharges in Los Alamos are to an ephemeral water body some intermit in certain reaches of the 41 canyon where certain SWMUs apply, solid waste management units, under the 42 43 stormwater permit. But most of the industrial discharges are directly to ephemeral waters and most of the solid waste management units under the stormwater permit, the IP 44 stormwater permit, are also to ephemeral water courses. Those would no longer be 45 regulated. And one questioned at the public hearing for Los Alamos for their industrial 46

permit whether or not the permit would automatically be revoked should this rule be 1 implemented. They did not have an answer. The only answer that they had was that they 2 3 would imagine that somebody would have to petition to no longer have the permit based on the new definition of WOTUS and based on that petition, EPA would take action. I'm 4 5 not sure that's a correct answer because there would be thousands upon thousands across 6 the United States petitioning to be have a permit under the old definition of WOTUS at 7 the same time. So there would have to be some way to implement this new definition of 8 those permits that were issued under the previous definition. How that would work 9 nobody knows right now. The state doesn't know. The feds don't know. EPA doesn't 10 know. And so – eventually you would see these discharges no longer be regulated. Now the hope is that this will be challenged in court and it will be stayed. Hopefully, New 11 12 Mexico will join that suit. The Attorney General will join that suit and at least stay implementation of the rule in New Mexico the same way several states, numerous states, 13 14 stayed the implementation of the Obama Rule in their state. So if you remember at one 15 time we had a triage of different interpretations that applied. Some applied to pre-2015 16 rule, some applied with the new rule, some applied with the new rule stayed so how they were implementing WOTUS was actually a hodgepodge and they didn't even know how 17 to implement it in the various states. Hopefully, because the 2015 rule was rescinded, 18 19 which removes most of those un-clarities, so now whether or not this applies is the only 20 question out there.

And so I think the biggest issues, obviously, I talked about the Santa Fe River in this handout [*Exhibit 4*] also but the big issue to us is the fact that those discharges would not be regulated under the federal permit programs of the Clean Water Act, industrial waste water discharges, stormwater discharges and 404. So even 404 permit would no longer be issued for the dredge and fill permits would not be issued in Los Alamos.

I think one thing that is not thought about often that we need to think about is if 26 27 Los Alamos' discharges are not regulated because they are above us, we do have a 28 discharge down below the BDD diversion and it's an outfall from the sediment return facility which actually takes water from the Rio Grande and actually tries to remove most 29 30 of the sediment before it is sent up to the treatment plant. That sediment in a slurry form 31 goes back to the Rio Grande. During the last permit reapplication, actually the one prior 32 to the last one, which just occurred, we were actually, EPA actually tried to regulate us for things like toxaphene, PCBs, and other materials or other constituents that were 33 34 originally at Los Alamos. And luckily we were able to demonstrate through additional sampling that we actually reduced the amount of PCBs and toxaphene and other 35 constituents that were in the river prior to our discharge. And part of that is because 36 37 some of those went up to BDD and actually were removed up there in the sludge that they removed at the plant itself. In the future, if LANL is no regulated in the NPDES 38 39 permit program, they can't go back to LANL and say, We're going to further limit these 40 constituents in your permits. But they can come to us and say, We're going to further 41 limit these constituents in your permit, City of Santa Fe, County of Santa Fe, BDD Board. And that would be a pretty difficult situation for us to argue because the Clean 42 43 Water Act does not allow them to take into account background concentrations from non-44 point sources upstream when calculating your permit limits. So that would be one additional fact that I would add to this is that if anybody is going to be affected by this 45 it's going to be BDD. 46

Hopefully, in conversations with the state, they're talking about taking over some 1 2 of these discharges under the groundwater discharge permit program and in some sense 3 that may be even more stringent than the NPDES permit limits that LANL has received. 4 However, at the current point in time, NMED has indicated that they neither have the 5 staff nor the resources to issue groundwater discharge permits for every NPDES permit 6 that might have gone to an ephemeral or intermittent stream. And so it will be several 7 years before they can get a program up and running that could actually address some of 8 these discharges.

9 That's really all I have to say other than what's in the handout. But I do stand for 10 questions.

11 CHAIR HAMILTON: Thank you. I have a short-term question but first I 12 want to note the insight it took for you to pick that up. I think that was a really good 13 analysis and so I commend you for that and I think this is a huge potential problem for 14 BDD that we have to be aware of.

My short-term question is that in the switch between implementing the new WOTUS and any stay that might come from a suit, is it likely that there will be permits that are just frozen, removed, whatever so that we're going to have that problem of unpermitted/unregulated discharge from LANL even if there's suits going on; do you suspect that? Will we have a little bit of time to deal with this? Not that we have anything that we can do about it but that's another challenge.

MR. PUGLISI: Right now the rule hasn't been published yet in the
 Federal Register. That will happen soon. Then it will take effect 30 days after
 publication. So we have a little bit of time there.

CHAIR HAMILTON: So it takes effect after 30 days, presumably in that 30 days NMED and lots of other states are going to scramble to get a suit going so all I'm asking is for opinion and you have no way to really know this on a hard fact basis. The issue that you brought up about what will happen with that process; do you think that that will start moving forward before suits can actually stop it?

29

MR. PUGLISI: Kyle has some updates.

30 MR. HARWOOD: It's a very uncertain picture going forward. All we know so far is that on January 24th the president issued an Executive Order releasing the 31 32 new WOTUS language which actually did change a little bit from the pre-publication or 33 pre-announcement version. I believe it's a 60-day effective date after being in the 34 Federal Register. We don't know when it's going to appear in the Federal Register. The 35 idea is that it's going to appear in the next couple of weeks. I've been contacted by 36 several NGOs because New Mexico is so unique in the way that this formulation of the 37 WOTUS rule is going to affect New Mexico so significantly given our hydrology and 38 also given that we are one of three states that doesn't have primacy, and because of the 39 text of the WOTUS rule. So my understanding from NMED is that they are coordinating 40 with the AG's Office and my understanding from several NGOs is that they are all coordinating. There is a nationwide effort. There's a local effort. It really depends on the 41 nature of the requested stay and where that leaves the existing WOTUS rule so we won't 42 43 know until we see it but if they ask for the new rule to be stayed and the existing rule 44 would be maintained that will tell us one thing about all the existing procedures. And then a judge is going to do what a judge is going to do with the requested relief. So until 45 that wheel turns a little we don't know exactly the questions that are naturally on your 46

1 mind about how we stumble forward. A lot of these other prior litigations are actually2 ongoing and unresolved.

3 And let me just add while we're on this topic, more than one of these NGOs has 4 asked whether this Board might be interested in filing an amicus brief on the need for a 5 stay. I am not clear on what that work effort that would be. It wouldn't be for several 6 months at a minimum. It would come at some briefing schedule stage after the filing of 7 the complaint and the request of the stay. But I did want the Board to know that that 8 request had been made. The nice things about amicus is that you're not a full party so 9 you're not subject to discovery and all of the parts that you can lose control of as you enter into a lawsuit. But I wanted to mention that to the Board. It may be possible to get 10 some assistance if the Board was open to it. We have to be careful about assistance with 11 plaintiffs because you have to disclose in your amicus filing whether you've coordinated 12 with others. So there's all kinds of issues to navigate there but I did want to let you know 13 14 that I was called and asked whether we might want to start thinking about that.

15 CHAIR HAMILTON: I might suggest that we move pretty quickly - I 16 knew I was asking a question that couldn't be answered and that I had a little bit of 17 insight into also but it's also to discuss but the point was that I think the Board and you 18 guys, you guys are really paying attention, have to pay attention to the timing of this. So 19 I would suggest that we put that issue that you just mentioned on a very, maybe the next agenda so that we can actually consider the pros and cons and however we have to 20 consider it. And then the obvious follow-on question to my previous, if the possibility 21 22 that this gets promulgated fairly quickly and it changes LANL's motivation and 23 regulatory hope for doing an MOU with us that has any meaning for us; do you have thoughts about that? 24

MR. HARWOOD: They are naturally connected but I also think that that national WOTUS issue is going to get hammered out in a venue and on a timeline that is very, very different than our ongoing relationship with LANL around the ENS and the grant funding. So I would hope –

CHAIR HAMILTON: That's true but the implications of their having less
 regulation to deal with is going to be obvious to them and that will change their
 motivation potentially.

MR. HARWOOD: One of the things that you're going to see in our retrospective MOU memo next month is that we negotiated the initial versions of our LANL MOU around the 2005 Consent Order and then it changed. So the analog here is we've been discussing our relationship with LANL around various WOTUS rules and the WOTUS rule is potentially changing around us.

37

CHAIR HAMILTON: Member Fort.

MEMBER FORT: We did, Madam Chair, at a previous meeting ask someone from LANL if they were going to take advantage of the WOTUS rule and they looked blank, I think would be a way of answering it. But it does seem as though the delegation would be able to get a commitment from LANL with whom their regular contact over appropriations to not take advantage of this period before we have a president and a new WOTUS.

44 MR. PUGLISI: Madam Chair and members of the Board, my
45 understanding is that EPA is going to move on issuing this to the Federal Register and
46 you are correct, it is a 60-day implementation time.

1 Obviously, and I have talked to a few people about this, if your permit is currently 2 in flux and about to be issued, at the same time LANL may be thinking about requesting 3 EPA for a delay for the permit issuance until this rule is finally implemented because 4 there obviously would be numerous uncertainties involved in the issuance of a permit that 5 is going to be immediately revoked. So I'm not saying that LANL is doing this but it 6 would be to their benefit to ask EPA for a delay in the permit issuance and for a number 7 of different discharges to do the same thing. That's why I think it's somewhat imperative 8 that we do get their permit issued as quickly as possible and not delay the process. And I 9 don't think that NMED plans to delay the process. They have issued their permits and 10 they are hoping to have them addressed because just to somewhat address your comment 11 from before, because we really don't know how EPA is going to handle this. But I would 12 imagine that anybody who wants to challenge whether or not they fit under the definition 13 of the Water of the United States would have to somehow file a petition and document the fact that the discharge goes to a stream river or tributary that does not meet the 14 15 definition and show why. Because the State of New Mexico is not going to do that 16 anytime soon. There is no planned reclassification of perennial versus ephemeral versus 17 intermittent that is planned right now by the New Mexico Environment Department. So 18 for EPA to withdraw a permit. I do believe that they'll have to be some formal challenge 19 or petition of some sort. If that answers your question a little bit better. 20 CHAIR HAMILTON: Thank you. Are there other questions? 21 MR. HARWOOD: Last lap of topics and smaller ones generally. Last 22 meeting we reported out that EPA had made the determination that Los Alamos County 23 needed to get an MS4 permit and we enjoyed that news because this Board had sent a 24 letter supporting that determination. In the meantime Los Alamos County has appealed 25 to the Environmental Appeal Board in DC. There's some question whether that is the 26 appropriate venue. Staff's recommendation, counsel and consultants, is that we continue 27 to monitor that issue and not get too deeply involved but Amigos Bravos was grateful for 28 our letter and will keep us up to date as that proceeds. Shall I go on? 29 CHAIR HAMILTON: Yes, please. We'll interrupt. 30 MR. HARWOOD: Very good. Number 9, just a quick update on the 31 Northern New Mexico Citizens Advisory Board which is constituted under the Federal 32 Advisory Board Act to assist LANL in its public outreach and has representation on the CAB from all sorts of walks of life from northern New Mexicans. They are currently 33 34 non-functional not having a quorum. They are awaiting appointments from DC. I 35 understand there is a lot going on back there. So there's no quorum and they are a non-36 functioning group at this time. 37 Source Water Protection plan meetings, the procurement is complete according to 38 Mackie. Thank you, Mackie. And so there's a kickoff meeting being scheduled with Ms. 39 Komer. For those of you who don't remember, our current Source Water Protection Plan 40 does not go very far upstream. There was a request by this Board in 2019 to do a public 41 listening session. That is Lynn Komer's contract and then to be followed by some 42 technical updates to that plan with staff and budget to be determined. 43 New Mexico Environment Department will be holding its next triennial review 44 and they plan to start their process this summer. We are on their email list to get updates 45 as to that process and as that moves forward, I can provide you with some updates. As

46 some of you know, back in 2009 the Board directed Nancy and I to be very involved in

1 the Triennial Review. We filed a petition. We argued and prepared to present at a 2 WOCC hearing and ultimately worked with LANL to get the 303B segments monitoring 3 requirements into that Triennial Review process back in 2009. We've skipped a couple 4 of intervening ones. But we propose to keep the Board a little more current on that 5 process to determine whether the Board has any priorities in the upcoming Triennial 6 Review. That will be a third and fourth quarter work effort if the Board decides to get 7 involved. 8 We've been told that there will be an enhanced involvement, public involvement 9 schedule. This is a Department of Energy, Environmental Management initiative to reset 10 the tone and scope of the conversation with interested stakeholders around all things 11 LANL. They visualize this enhanced public involvement program as being a constant 12 reoccurring process. This is not a campaign with a start, middle and end. This is meant to 13 be a reoccurring process. I believe the first meeting was just set. I am not sure that I 14 followed it properly on my email earlier today but I believe the meeting has been set for 15 February 19th. We were told a couple of weeks ago to expect a kickoff of this program in 16 March. So this is their outward looking program to everybody on everything and so we'll 17 just be monitoring it. We have our own special relationship. We have our own special 18 agreement with them but just to let the Board know that that is their plan and that is the 19 way that the involvement program was described. With that, we recommend just 20 monitoring it. 21 I think we've talked about action items and priorities as we've gone through these 22 items. 23 CHAIR HAMILTON: If they're kicking off the program in March, what's 24 February 19th? I got confused. Okay, that's fine. 25 MR. HARWOOD: I'll forward it to the whole Board so that you see what 26 we got today. 27 CHAIR HAMILTON: That's great. Are there any final questions? 28 MR. HARWOOD: Very good, thank you. 29 CHAIR HAMILTON: Thank you so much. That was quite thorough. 30 31 14. Request for approval and recommendation to Santa Fe County Board of 32 County Commissioners and City of Santa Fe City Council to approve the 33 Fiscal Year 2021 Buckman Direct Diversion Operating Budget and Other 34 **Fund Contributions** 35 a. Presentation of the proposed FY2021 BDD Operating Budget and 36 **Other Fund Contributions** 37 38 MS. ROMERO: Madam Chair, members of the Board, we would like to 39 present the proposed fiscal year 2021 annual operating budget and proposed contributions 40 to the major repair/replacement fund for your approval and recommendation to our 41 partners. 42 The BDD will be in its tenth year of operations. This milestone influenced our analysis of costs, as maintenance of our facilities will increase due to the age of the 43 44 equipment and machinery. The BDD actively collaborated with its partners on the 45 development of this budget and with their support we are requesting \$9,659,797 to support our fiscal year 2021 operations. 46

1 This budget consists of fixed and variable costs and includes revenues and 2 reimbursements from several sources. The principal operating revenue of BDD's 3 operating budget are reimbursements from our partners. The partner reimbursement 4 revenue is estimated on projected expenditure types and allocated based on cost sharing 5 allocations per our governing documents. And if you want to see the cost allocations that 6 were used, that's on page 11, table D of the packet.

BDD was also \$96,000 of federal funding from the Department of Energy for the
BDD Stormwater Sampling Program and that is also included in the budget. The other
revenue that we receive is our monthly PNM solar rebate revenue from the water
treatment plan solar array. This revenue is used to support the lease on the cost of that
solar array.

12 The next slide is our expenses by major category and this page 8 of your packet. 13 This table shows a budget comparison by major category of prior budgets and actuals. 14 This budget request has a net decrease of \$36,612, less than our fiscal year 2020 adopted 15 budget. This is due to many one-time projects and reclassification of positions as part of 16 the class and comp study but even with this decrease we have some major projects that 17 we'll be tackling in fiscal year 2021. This request does include an additional \$50,000 to 18 begin the replacement of our HVAC units, \$150,000 to install a crane lift at our 4A/5A 19 facility. This system is needed to provide safety to our employees as they repair pumps, valves and other heavy items. We are also requesting \$150,000 to replace the activated 20 21 carbon in our GAC contactors. This cost will replace media in on contactor and will be 22 included every year and replacement will continue on a rotating basis. So replacing the 23 media on a scheduled basis will result in greater efficiency in this process.

Pages 9 and 10 of your packet do include a detailed level of our breakout of our major categories. So as you can see from our categories, salaries and benefits, electricity, chemicals, solids but then we have the materials and supplies and other operating costs, those are all in one lump sum. But if you look at pages 9 and 10, it is broken out in more detail if you want to see the contracts that we procure.

CHAIR HAMILTON: Commissioner Hansen. Can we have a question?
MS. ROMERO: Oh, absolutely. Did you have a question?
COMMISSIONER HANSEN: What kind of maintenance do we need
from Positive Solar on the BS2A solar array?
MS. ROMERO: Positive Solar, they maintain the solar array. They'll go
out and make sure all the solar panels are working and if they're not they'll recommend a
replacement. So they'll just make sure the solar array, the one at 2A is working properly.
COMMISSIONER HANSEN: And how often do they do that?
MS. ROMERO: They have a schedule. It's biannual. So they'll come out
twice a year.
COMMISSIONER HANSEN: So the \$7,000 is for them to come out and
just check everything?
MS. ROMERO: Yes, to check and maintain it. It also helps with our
warranty. So our stuff has warrants and that maintaining keeps that warranty intact.
COMMISSIONER HANSEN: Okay, thank you.
CHAIR HAMILTON: Thank you.
MS. ROMERO: Were there any other questions on the details?
CHAIR HAMILTON: Member Fort.

1	MEMPER FORT: Madam Chain and members of the Deand I mould just
1 2	MEMBER FORT: Madam Chair and members of the Board, I would just note again that our electrical costs are over \$1 million and that's a lot of carbon. We had
23	a presentation from Regina Wheeler that we are on the list to be evaluated and have solar
3 4	installed and I really look forward to that time and I'm glad to have someone who is
5	committed to it, Mr. Carpenter, and doing what we can and cutting down because it's
5 6	
0 7	taking a lot of electricity to lift this water up and bring it around to the City. So it's a big
8	item in our budget and a big item to the climate. CHAIR HAMILTON: Thank you.
8 9	
9 10	MS. ROMERO: Thank you.
	COMMISSIONER HANSEN: Do you have any update on that?
11	MR. CARPENTER: The Water Division manager has been working with
12	Ms. Wheeler. I don't know the status of their work but he has taken that on, on behalf of
13	the Water Division.
14	CHAIR HAMILTON: If I'm not mistaken there are also ongoing
15	decisions between the City and the County on that.
16	MR. CARPENTER: I believe so.
17	COMMISSIONER HANSEN: So could we have an update about that in
18	the next couple of months?
19	MR. CARPENTER: I would be happy to.
20	MS. ROMERO: Are there any other questions on any of the major
21	categories?
22	CHAIR HAMILTON: Councilor Romero-Wirth.
23	COUNCILOR ROMERO-WIRTH: Am I reading this correctly on page 8,
24	overtime, the adopted budget was \$150,000, the unaudited actual is \$206,000 –
25	CHAIR HAMILTON: That's the 2019?
26	COUNCILOR ROMERO-WIRTH: Yeah. And then given that we're
27	proposing \$150,000; is there a reason why you wouldn't go closer to the actual, the
28	unaudited actual?
29	MS. ROMERO: Madam Chair, Councilor Romero-Wirth, we had a lot of
30	vacancies last year in our operations. I think we had five vacancies. And so what
31	happens is when we have vacancies we have a lot of overtime. But now that we're fully
32	staffed in operations, that's the majority of where that overtime comes, we did bring that
33	projection back down to just cover the normal shift differential and graveyard shifts that
34	are part of the operator's salary.
35	COUNCILOR ROMERO-WIRTH: Okay, and are there any other
36	variances that you think you should point out to us in terms of why they were high or
37	why they were low? That's just one that caught my eye; are there others that you would
38	draw to our attention?
39	MS. ROMERO: Madam Chair, Councilor Romero-Wirth, I didn't see –
40	well, you can definitely see that our electric costs have decreased and that one is always
41	hard to project with the cost of peak-off and peak-on pumping and how operations does
42	that. The other big costs were our materials and supplies and so we project to have on
43	call contractors and obviously we spent about 84 percent of that budget in our actuals.
44 45	And then of course, the litigation costs which are also hard to project. So I think that
45 46	those were the big ticket, unless you want me to go over anything specific.
46	COUNCILOR ROMERO-WIRTH: No, I just noted that one so I thought

I would get your take since you are way more familiar with these numbers at this point
 than I am. Thank you, Madam Chair.

3

MS. ROMERO: Thank you.

4

CHAIR HAMILTON: Thank you.

5 MS. ROMERO: So we will move on. The other part of this budget 6 request includes our partner contributions to our major repair and replacement fund. So 7 the policy that we have in place says that we are to receive partner contributions yearly. 8 This is page 18 of the budget request. And so with this request we are asking for 9 \$626,706 from our partners. This has been the yearly contribution for a couple of years. 10 Staff has begun working on maintaining our capital asset and replacement software. We've had additional training. We have begun some data verification and creation of our 11 12 vehicle replacement policy which was approved last year. Our goal is to continue to 13 develop a multi-year projected asset plan, funding requirements and related replacement 14 and disposal policy. So hopefully next year we'll be able to bring an increase to this fund 15 with actual support of our asset management plan. With this you can see we have a 16 balance as of June 30, 2019 of \$1,777,055 and with the partners' contributions and no 17 further authorizations from the fund the balance of that fund would be \$2,403,761.

In summary, this budget summary includes the operating budget and then the contributions for the major repair and replacement fund. The total request for approval from the Board and recommendation to our partners is \$10,286,503. Unless there's any other questions about the budget, that is my presentation.

CHAIR HAMILTON: Thank you. So I'll entertain questions and remind
 everybody we'll do a public comment right after that before we move on to any vote.
 COUNCILOR ROMERO-WIRTH: I just have a quick question, Madam

25 Chair.

26

CHAIR HAMILTON: Yes.

COUNCILOR ROMERO-WIRTH: So given the fact that this facility is 10 years old now and it has lived through a downturn in the economy, has that led to any lessons learned in terms of budgeting? Or how has the downturn, you know, 2008, how did that affect the budget? Was there anything that could have been done proactively to have helped that?

32 33

34

CHAIR HAMILTON: We went on line in 2011. MS. ROMERO: Madam Chair, Councilor Romero-Wirth, if you look at page 16 on the budget that gives you a breakout of our programs that support this budget.

And as you can see the maintenance costs have definitely increased. So there are things that they put in there to try and help – replacing the HVAC units is included in that increased in the maintenance budget. Additional on-cal repair contracts – getting the crane lift at 4A/5A to assist with maintaining the equipment.

COUNCILOR ROMERO-WIRTH: Okay, yes, those are maintenance
 issues. But the facility itself hasn't really lived through a downturn in the economy; is
 that true?

42 CHAIR HAMILTON: We went on line in 2011. So there was 43 development of this project in 2008 but it was in process. We weren't actually 44 operational.

45 MS. ROMERO: Right.46 COUNCILOR ROMERO-WIRTH: Okay.

1	CHAIR HAMILTON: Thank you.
2 3	b. Public Comment
4	
5 6 7 8 9	CHAIR HAMILTON: Is there anybody here in the public that would like to speak to the Board about the budget? I will say that there is another point in the meeting where there is general public comment offered. This is an opportunity to speak about the budget. Seeing none, I will go ahead and close the public comment.
9 10	Dequest for approval of the proposed Fiscal Veer 2021
10	c. Request for approval of the proposed Fiscal Year 2021 Operating Budget and Other Fund Contributions and
11	recommendation to approve by the County Commission and
12	the City County
13	the City County
15	CHAIR HAMILTON: This is an action item. Do you want to remind
16	everybody what the whole process is? We approve it here and it has to go to the – you
17	know, that part.
18	MS. ROMERO: Madam Chair, members of the Board, the process is that
19	you would approve the budget here and recommend it to be included in the City of Santa
20	Fe Water Division budget and Santa Fe County Public Utilities or Public Works budget
21	and then those contributions would get approved within our respective partners' budgets
22	and then we would bring this back for formal adoption in July after our partners' budgets
23	have been adopted.
24	CHAIR HAMILTON: Thank you. With that, what is the pleasure of the
25	Board? Commissioner.
26	COMMISSIONER HANSEN: Move to approve what Mackie just said.
27	COUNCILOR VIGIL COPPLER: Second.
28	CHAIR HAMILTON: Thank you. Further discussion? I have a motion
29	and a second.
30	
31	The motion passed by unanimous [5-0] voice vote.
32	
33	CHAIR HAMILTON: Thank you and thank you for the thorough
34	presentation.
35	MS. ROMERO: Thank you.
36	·
37	15. Appointment of the Citizen Member and Alternate Citizen Member to the
38	Buckman Direct Diversion Board
39	
40	NANCY LONG (BDD Board Counsel): Madam Chair and members of
41	the Board, as a supplement to your packet material there is a memo at your place
42	regarding the citizen member and alternate citizen member selection since our committee
43	met after the packets went out for this meeting. The selection committee met last Friday,
44	January 31 st , to conduct interviews of six applicants. And we had many good applicants
45	and we had a lot of discussion that I thought was good about what the best interests of the
46	Board were and how a citizen member could best serve the Board. And we thought it was

1 2	important to consider the importance of a legacy of knowledge as well as the knowledge of the BDD and its operations and we're happy to recommend to you that you appoint JC
3	Helms as the citizen member to the Board. He is currently the alternate citizen member
4	and Peter Ives as the alternate citizen member.
5	
	CHAIR HAMILTON: Thank you. Is there discussion or questions from
6	the Board at this point? Commissioner Hansen.
7	COMMISSIONER HANSEN: Madam Chair. I move to approve Citizen
8	Member as JC Helms and Alternate Member as Peter Ives.
9	COUNCILOR VIGIL COPPLER: Second.
10	CHAIR HAMILTON: Thank you. So I have a motion and a second.
11	
12	The motion passed by unanimous [5-0] voice vote.
13	
14	CHAIR HAMILTON: I think we want to take this moment to thank
15	Denise Fort for all her interruptions, for her years of contributions that were incredibly
16	valuable. Thank you very much. Are there others –
17	COMMISSIONER HANSEN: I want to just thank Professor Fort for your
18	dedication to this Board. It's been a great honor to serve with you and your knowledge
19	and information has really helped me grow and I appreciate that. I am going to miss you.
20	I don't know how many years you were on the Board before I joined but I know that
21	Conci served for maybe 10 in the beginning so maybe you have been her five years.
22	MEMBER FORT: It was three, right after Conci.
23	COMMISSIONER HANSEN: So you came right after we were elected.
23	CHAIR HAMILTON: Was it the year before which makes it four years.
25	MEMBER FORT: Okay.
23 26	COMMISSIONER HANSEN: Yes, you wanted to get off last year but we
20	didn't let you.
	CHAIR HAMILTON: Did we give Member Fort a –
28	÷
29	MEMBER FORT: Yes, I already got it. I don't think it's champagne but I
30	think – [Ms. Fort displayed a BDD water container filled with BDD water] – it's like
31	champagne.
32	COMMISSIONER HANSEN: Oh, it's beautiful. It's a glass bottle of
33	Buckman water.
34	MR. HELMS: I'd like to say how great a pleasure it has been to serve
35	under/with Denise. She was the regular and I was the alternate. She has been a
36	tremendous contribution to this Board. She really does have tremendous knowledge and
37	experience in these affairs and I really think she made a great contribution. I'm sorry to
38	see her go formally but I hope she'll keep showing up as a member of the public and
39	maybe giving speeches. It has been wonderful to work with you, Denise.
40	CHAIR HAMILTON: Excellent. Yes, Councilor.
41	COUNCILOR VIGIL COPPLER: Thank you, Madam Chair. Denise, it
42	has been just a great pleasure to have you participate and participate with you on this
43	Board. I do remember that we said goodbye to you before, I'm trying to remember what
44	I said then. But I am still in awe of your knowledge and expertise and your background
45	and your engineering and your legal and you've got many, many hats. And I'll say it
46	again, many of you may not know that Denise and I served in the late/mid 80s on the City

1	of Santa Fe Grievance Board. Do you remember that? It was a long time ago. And she
1	was a wonderful person to work with then and now I'm even more impressed. And I
2 3	
5 4	wish you well in anything else that you're going to be doing. Thank you for your service. CHAIR HAMILTON: Councilor.
4 5	
	COUNCILOR ROMERO-WIRTH: I'm sorry you're leaving as I am
6	coming. I'll catch you around the block.
7	MEMBER FORT: Thank you. This has been really, really interesting. I
8	actually have been doing mostly water policy and I've never been this close to a facility
9	that actually did something before. So that's been really interesting and I appreciated
10	everyone's work. I don't know if Kyle is still here, but it's been great, and great to work
11	with Nancy and with everyone on the staff as well. I started with – there has been a fair
12	amount of turnover since I began but with Commissioner Stefanics and Joe Maestas had
13	nominated me, so that was some time ago. It has all been a good learning experience and
14	I will be a ghost haunted you with respect to solar installations and so count on it. Thank
15	you.
16	CHAIR HAMILTON: Fabulous, thank you. In the same breath, I want to
17	take the opportunity to welcome Mr. Helms and tell you how much we've appreciated the
18	service so far and very, very much and look forward to having you up here and
19 20	supporting all the efforts of the Board. I think you really have and will continue to serve
20	us well. We're very excited about that. Anything else on that, Nancy?
21	MS. LONG: Nothing else. Just to remind you that those are two-year
22 23	terms so the term will start today.
23	
24	16 Floation of the Chain and Vice Chain of the Buckman Diversion Board
24 25	16. Election of the Chair and Vice Chair of the Buckman Direct Diversion Board
25	
25 26	MS. LONG: Madam Chair, the rules of order for the Board call for the
25 26 27	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election.
25 26 27 28	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair
25 26 27 28 29	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives.
25 26 27 28 29 30	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris.
25 26 27 28 29 30 31	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris.
25 26 27 28 29 30 31 32	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month –
25 26 27 28 29 30 31 32 33	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at
25 26 27 28 29 30 31 32 33 34	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice
25 26 27 28 29 30 31 32 33 34 35	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner.
25 26 27 28 29 30 31 32 33 34 35 36	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner.
25 26 27 28 29 30 31 32 33 34 35 36 37	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne
25 26 27 28 29 30 31 32 33 34 35 36 37 38	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair.
25 26 27 28 29 30 31 32 33 34 35 36 37	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair. CHAIR HAMILTON: Thank you and just as a point of sequence, we vote
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair.
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair. CHAIR HAMILTON: Thank you and just as a point of sequence, we vote independently one at a time?
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair. CHAIR HAMILTON: Thank you and just as a point of sequence, we vote independently one at a time? MS. LONG: On the two positions, yes.
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair. CHAIR HAMILTON: Thank you and just as a point of sequence, we vote independently one at a time? MS. LONG: On the two positions, yes. CHAIR HAMILTON: Thank you. I have a nomination do I have a
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair. CHAIR HAMILTON: Thank you and just as a point of sequence, we vote independently one at a time? MS. LONG: On the two positions, yes. CHAIR HAMILTON: Thank you. I have a nomination do I have a second?
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	MS. LONG: Madam Chair, the rules of order for the Board call for the election of the Chair and Vice Chair in February or soon thereafter to have the election. As you know of course this past year, although she had an abbreviated year, your Chair was Commissioner Hamilton and I believe the Vice Chair was Councilor Ives. COMMISSIONER HANSEN: Mike Harris. MS. LONG: Mike Harris. CHAIR HAMILTON: Mike Harris until the last month – MS. LONG: Right, I put them together. We had to delegate a Chair at one meeting. For this next term then your chair must be a City Councilor and the Vice Chair would be a County Commissioner. CHAIR HAMILTON: Thank you. Commissioner. COMMISSIONER HANSEN: I would like to nominate Councilor JoAnne Vigil Coppler for Chair. CHAIR HAMILTON: Thank you and just as a point of sequence, we vote independently one at a time? MS. LONG: On the two positions, yes. CHAIR HAMILTON: Thank you. I have a nomination do I have a second? MEMBER FORT: Second.

1 2	The motion to elect JoAnne Vigil Coppler as Chair passed by unanimous voice vote.
$\frac{2}{3}$	CHAIR HAMILTON: That takes us to Vice Chair.
4	COUNCILOR VIGIL COPPLER: Madam Chair. I would like to
5	nominate Anna Hansen for Vice Chair.
6	MEMBER FORT: Second.
7	CHAIR HAMILTON: Thank you. Motion and a second.
8	
9	The motion to elect Anna Hansen as Vice Chair passed by unanimous voice vote.
10	
11	CHAIR HAMILTON: Excellent. Congratulations to Councilor Vigil
12	Coppler and Commissioner Hansen.
13	And I just want to take the opportunity to say how grateful I am to have been able
14	to serve for this year. It was and will continue to be a real pleasure working with such an
15	incredibly competent, dynamic and motivated board. It is really a pleasure and it was an
16	honor to serve as chair.
17	COUNCILOR VIGIL COPPLER: Madam Chair, I would like to express
18	our thanks for you having served as chair and led us through all of the technical things
19	that we do. And you have a great deal of technical experience and thank you for that and
20	I'm glad you'll still be here because we need that.
21	CHAIR HAMILTON: Thank you very much. I very much appreciate it.
22	COMMISSIONER HANSEN: Madam Chair, I want to also say thank you
23	for your chair leadership and all of your information both scientifically and
24	professionally.
25	CHAIR HAMILTON: Thank you.
26	17 American States Marshand Frederic I States Andre
27	17. Appointment of Committee Members for the Fiscal Services Audit Commission (FSAC) of the Buckman Direct Diversion
28 29	Commission (FSAC) of the Buckman Direct Diversion
30	MS. LONG: Madam Chair, as members of the Board know, there's a
31	committee of the Board that meets prior to each meeting to consider any fiscal issues that
32	will be on the Board's agenda and we have named that the Fiscal Services Audit
33	Committee. There has been one City member and one County member as well as Las
34	Campanas' representatives that attend that meeting. It is a non-quorum meeting. It has
35	been the chair and the vice chair of the last few years. There is nothing that requires that
36	but you should have one representative from each public body on that committee.
37	CHAIR HAMILTON: I'll just add that I've been on that committee and I
38	would be happy to continue. I got on when Commissioner Roybal was Chair or was
39	moving from Vice Chair to Chair and he didn't want to do both. However, I am totally
40	open. I would love to stay on but if you want to be on that and take it over that's just
41	great.
42	COMMISSIONER HANSEN: Commissioner Hamilton, I would be happy
43	to have you stay on there because I think you have a grasp of what is going on on that
44	committee and I feel like you fill me in and give me information and you share what's
45	going so I think that if you would like to continue as the other County member I am good
46	with that.

1	CUAID UAMUTONI Luculd love to thet's great. That's good We
1 2	CHAIR HAMILTON: I would love to, that's great. That's good. We need a City Councilor on it.
3	COUNCILOR VIGIL COPPLER: I would be happy to serve on it.
4	CHAIR HAMILTON: Okay and there's no questions about the Las
5	Campanas participation.
6	MS. LONG: That's correct. They can both come or neither one come or
7	one come. That's up to them, we do not need to appoint for that.
8	CHAIR HAMILTON: Do we have to have a motion?
9	MS. LONG: I think that you can just appoint as the continued chair based
10	upon the input that you just heard.
11	CHAIR HAMILTON: Okay, based on the input, I will continue to serve as
12	the County member and Councilor Vigil Coppler will come on as the City member.
13	
14	MATTERS FROM THE PUBLIC
15	CUAD UANTON, Is there ensure the second the second the
16	CHAIR HAMILTON: Is there anyone here who would like to address the
17	Board? Seeing none, I will close matters from the public.
18	
19	MATTERS FROM THE BOARD
20 21	CUAD UAMU TONI. Vog. Conrollor
21	CHAIR HAMILTON: Yes, Councilor.
22	COUNCILOR VIGIL COPPLER: Thank you. I am looking forward to continuing to work on this Board and look forward to all of your input. And then I would
23 24	like to say that I think there's an error on the March 4 th date.
24 25	COMMISSIONER HANSEN: It's March 5 th .
23 26	
20 27	CHAIR HAMILTON: Yes, Commissioner.
27	COMMISSIONER HANSEN: I would just like to note that today at the Roundhouse was Women Suffragist Day and we had a proclamation by the governor.
28 29	And I am making that comment that women have had the vote for 100 years today and
29 30	considering that we have all women, at the moment, on this Board – I think that that is a
31	great testament to what has happened in this country with the vote that women have
32	shown that they are more than competent to run government and contribute at a very high
33	level. So I just wanted to recognize that we've had the vote for 100 years and I consider
34	being able to vote a sacred privilege. I am grateful for this opportunity.
35	CHAIR HAMILTON: So I do have something, two statements with
36	respect to the January 9 th regular executive session of the Board meeting. I want to state
37	for the record and our minutes, that the only matter discussed during the executive
38	session of our board meeting held on January 9, 2020, was the matter as stated in the
39	motion to go into executive session and no action was taken.
40	And in addition, I will state for the record and our minutes that the only matter
41	discussed during the closed meeting held on January 17, 2020, was the discussion of the
42	hiring of specific individuals for the position of Facilities Manager of the Buckman
43	Direct Diversion Board and no action was taken.
44	
45	<u>NEXT REGULAR MEETING</u> : Thursday, March 5, 2020 at 4:00 pm
46	

1	ADJOURN	
2		
3		pon motion, Chair Hamilton declared this
4	meeting adjourned at approximately 5:50 p	.m.
5		
6		Approved by:
7		
8		
9		
10		
11		Anna Hamilton, Board Chair
12 13		
15 14	Pognostfully submitted	
14	Respectfully submitted:	
16	Karen Farrell, Wordswork	
17	Karen Farren, wordswork	
18		
19	ATTEST TO	
20		
21		
22		
23		
24	GERALDINE SALAZAR	
25	SANTA FE COUNTY CLERK	
26		
27		
28		
29		
30		

1 2 3 4 5 6	
7	DRAFT
8	
9	
9 10	subject to approval
10	subject to approval
11	
12	
14	
15	
16	
17	
18	
19	
20 21	
21	
23	
24	
25	