



Agenda

CITY CLERK'S OFFICE

DATE 5/31/17 TIME 8:35

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PUBLIC UTILITIES COMMITTEE

WEDNESDAY, JUNE 7, 2017

City Hall

City Council Chambers

200 Lincoln Avenue

Regular Meeting – 5:00pm

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF CONSENT AGENDA
5. APPROVAL OF MINUTES FROM THE MAY 3, 2017 PUC MEETING

INFORMATIONAL ITEMS

6. Monthly Update of Capital Projects. (Shannon Jones)
7. Rubicon On-Board Technology Demonstration. (Shirlene Sitton) **VERBAL - 10 MIN.**

CONSENT – ACTION CALENDAR

8. Environmental Services Division Update. (Shirlene Sitton)
9. Update on Current Water Supply Status. (Alex Puglisi)
10. Wastewater Management Division Monthly Update. (Shannon Jones)
11. Water Conservation Program Scorecard. (Christine Chavez)
12. Annual Report, Santa Fe River Target Flows: Report for “target year” activity from April 15, 2016 through April 14, 2017; and anticipated activity for the Santa Fe River Target Flow year of April 15, 2017 through April 14, 2018. (Melissa McDonald)

13. Request for approval of Amendment No. 1 to the PSA 16-0345 with PK Public Relations for the amount of \$75,000 exclusive of NMGRT and extend the contract for a period of one (1) year. (Christine Chavez)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

14. Request for approval of Amendment No. 4 to the PSA # 16-0051 with GM Emulsions LLC for FY 2017/2018 for on-call patching and sealing services for the amount of \$37,909.38 inclusive of NMGRT. (Mike Moya)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

15. Request for approval of a Professional Services Agreement with Molzen-Corbin through a Cooperative Education Services Agreement for Engineering Services for design of the BDD Water Treatment Facility 4 Million Gallon Finished Water Storage Tank for the amount of \$62,023.75 exclusive of NMGRT. (Kristin Johansen)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

16. Request for approval of a contract with Blue River Cattle and Land Company, LLC to purchase Toilet Retrofit Credits eight (8) acre feet for the total amount of \$96,000.00. (Andrew Erdmann)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

17. Request for approval of a Professional Services Agreement with Facility Solutions Group, Inc. to provide materials, labor and equipment for the Lighting Upgrade Project at the Canyon Road Water Treatment Plant for the amount of \$82,421.55 exclusive of NMGRT. (John Alejandro)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

18. Request for approval of Award of Bid No. '17/30/B and approval to contract with Sub-Surface Contracting, Inc. for the Wastewater Management Division POTW On-Call Repair, Replacement and Extension Project – CIP # for the total amount of \$91,788.35 inclusive of NMGRT. (Stan Holland)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

19. Request for approval of Change Order No. 1 to the contract with Sub Surface Contracting for the Wastewater Management Division POTW On-Call Repair, Replacement and Extension Project – CIP # 952 for the total amount of \$108,211.65 inclusive of NMGR. (Stan Holland)

- a. Request for approval of a Budget Adjustment Request for \$100,000.

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

20. Request for approval of RFP# '17/26/P and a Professional Services Agreement with John Shoemaker and Associates, Inc. for Hydrology, Hydrogeology and Water Resources Services for Permit Compliance, Water Rights and Water Resource Management Requirements for the amount of \$296,477 exclusive of NMGR. (Alan Hook)

Finance Committee – 6/5/2017

Public Utilities Committee – 6/7/2017

City Council – 6/28/2017

21. Request for approval of Amendment No. 3 to the Professional Services Agreement No. 15-1037 with CDM Smith for the amount of \$375,000 exclusive of NMGR. (Bill Schneider)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

22. Request for approval of Amendment No. 2 to the Professional Services Agreement with Carollo Engineers for the amount of \$52,813.00 exclusive of NMGR. (Bill Schnieder)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

23. Request for approval to purchase two (2) support vehicles from Power Ford via State of New Mexico statewide price agreement for the amount of \$48,832. (Lawrence Garcia)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

24. Request for approval to purchase one (1) small Automated Side-Loader from Bruckner's via the Cooperative Educational Services purchasing agreement (CES) for the amount of \$266,618. (Lawrence Garcia)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

25. Request for approval of the Award of Bid No. '17/10/B to Bruckner's of Albuquerque for the purchase of three (3) Front-Loading Solid Waste Collection vehicles for the amount of \$904,128. (Lawrence Garcia)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

26. Request for approval of the Award of Bid No. '17/11/B to Rush Truck Center for the purchase of two (2) Automated Side-Load Solid Waste Collection vehicles for a total of \$659,114. (Lawrence Garcia)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

27. Request for approval of procurement of services, chemicals, reagent, repairs and equipment from the HACH Company for the Wastewater Treatment Plant over \$50,000 exclusive of NMGR. (Luis Orozco)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

28. Request for approval of the following Bids for Polyelectrolyte Chemicals (Sludge Thickening Aids) for FY 2017/2018 through FY 2020/201 for the Wastewater Treatment Plant and Compost Dewatering Facility: (Kenneth Espinoza)

- a. Bid No. '17/33/B for the amount of \$44,455.50 per year for a total amount of \$177,822 for four (4) years.
- b. Bid No. 17/34/B for the amount of \$71,944 per year for a total amount of \$287,776 for four (4) years.

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

29. Request for approval of a Professional Services Agreement with Siemens Energy, Inc. to perform Class II Services for the Turblex Blowers at the Wastewater Treatment Plant for the amount of \$60,000 exclusive of NMGR. (Johnny Valdiviezo)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

30. Request for approval of Resolution No. 2017-_____. A resolution declaring the City's position on regionalization of the Water System. (Andrew Erdmann)
(Councilor Maestas)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

31. Request for approval of Award of Bid No. '17/25/B to DPC Industries, Inc. for four (4) years for the purchase of Sodium Hypochlorite for the Canyon Road Water Treatment Plant for the total amount of \$59,400. (Alex Puglisi)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

32. Request for approval of Award of Bid No. '17/26/B to BHS Marketing, LLC for four (4) years for the purchase of Soda Ash (Sodium Carbonate) for the Canyon Road Water Treatment Plant for the total amount of \$86,100. (Alex Puglisi)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

33. Request for approval of Award of Bid No. '17/27/B to Commodities USA for four (4) years for the purchase of Salt for the Canyon Road Water Treatment Plant for the total amount of \$27,330. (Alex Puglisi)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

34. Request for approval of Award of Bid No. '17/28/B to Chemrite, Inc. for four (4) years for the purchase of Liquid Sodium Permanganate for the Canyon Road Water Treatment Plant for the total amount of \$35,616. (Alex Puglisi)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

35. Request for approval of Award of Bid No. '17/29/B to Chameleon Industries, Inc. for the four (4) years for the purchase of Liquid Aluminum Sulfate for the Canyon Road Water Treatment Plant for the total amount of \$114,756.60. (Alex Puglisi)

Public Utilities Committee – 6/7/2017

Finance Committee – 6/19/2017

City Council – 6/28/2017

MATTERS FROM THE PUBLIC

MATTERS FROM THE CITY ATTORNEY

MATTERS FROM STAFF

MATTERS FROM THE COMMITTEE

NEXT MEETING: Wednesday, July 5, 2017

ADJOURN

PERSONS WITH DISABILITIES IN NEED OF ACCOMODATIONS, CONTACT THE CITY CLERK'S OFFICE AT 505-955-6520, FIVE (5) WORKING DAYS PRIOR TO THE MEETING DATE.

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PUBLIC UTILITIES COMMITTEE MEETING
Wednesday, June 7, 2017

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REQUEST FOR APPROVAL OF A CONTRACT WITH BLUE RIVER CATTLE AND LAND COMPANY, LLC, TO PURCHASE TOILET RETROFIT CREDITS, 8 AFY FOR THE TOTAL AMOUNT OF \$96,000	Approved	14-15
REQUEST FOR APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH FACILITY SOLUTIONS GROUP, INC., TO PROVIDE MATERIALS, LABOR AND EQUIPMENT FOR THE LIGHTING UPGRADE PROJECT AT THE CANYON ROAD WATER TREATMENT PLANT FOR THE AMOUNT OF \$82,421.55, EXCLUSIVE OF NMGR	Approved	15-19
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**MINUTES OF THE
CITY OF SANTA FE
PUBLIC UTILITIES COMMITTEE
Wednesday, June 7, 2017**

1. CALL TO ORDER

A meeting of the Public Utilities Committee was called to order by Councilor Christopher M. Rivera, Chair, at approximately 5:00 p.m., on Wednesday, June 7, 2017, in the Council Chambers, City Hall, 200 Lincoln Avenue, Santa Fe, New Mexico

2. ROLL CALL

MEMBERS PRESENT:

Councilor Christopher M. Rivera, Chair
Councilor Signe I. Lindell
Councilor Ronald S. Trujillo
Councilor Renee D. Villarreal

MEMBERS EXCUSED:

Councilor Joseph M. Maestas

OTHERS PRESENT:

Shannon Jones, Acting Director, Public Utilities Department
Stephanie Lopez, Public Utilities
Marcos Martinez, Assistant City Attorney
Melessia Helberg, Stenographer

There was a quorum of the membership present for conducting official business.

NOTE: All items in the Committee packet for all agenda items are incorporated herewith to these minutes by reference. The original Committee packet is on file in the Public Utilities Department.

3. APPROVAL OF AGENDA

Stephanie Lopez, Public Utilities, said she failed to include the Committee schedule for Item #12 on consent, noting it will be heard by PUC tonight, Public Works on June 12th and will go to the Council for approval on June 14th.

Ms. Lopez said Item #20 will go to the City Council on June 14, 2017, not on June 28, 2017.

MOTION: Councilor Trujillo moved, seconded by Councilor Lindell, to approve the Agenda as amended.

VOTE: The motion was approved unanimously on a voice vote.

4. APPROVAL OF CONSENT AGENDA

MOTION: Councilor Trujillo moved, seconded by Councilor Lindell, to approve the following Consent Action Calendar as amended.

VOTE: The motion was approved unanimously on a voice vote.

CONSENT – ACTION CALENDAR

- 8. ENVIRONMENTAL SERVICES DIVISION UPDATE. (SHIRLENE SITTON)**
- 9. UPDATE ON CURRENT WATER SUPPLY STATUS. (ALEX PUGLISI)**
- 10. WASTEWATER MANAGEMENT DIVISION MONTHLY UPDATE. (SHANNON JONES)**
- 11. WATER CONSERVATION PROGRAM SCORECARD. (CHRISTINE CHAVEZ)**
- 12. ANNUAL REPORT, SANTA FE RIVER TARGET FLOWS: REPORT FOR “TARGET YEAR” ACTIVITY FROM APRIL 15, 2016, THROUGH APRIL 14, 2017; AND ANTICIPATED ACTIVITY FOR THE SANTA FE RIVER TARGET FLOW YEAR OF APRIL 15, 2017 THROUGH APRIL 14, 2018. (MELISSA McDONALD) Committee Review: Public Utilities Committee 06/07/17; Public Works Committee 06/12/17; and City Council 06/14/17.**

13. *[Removed for discussion by Councilor Lindell]*
14. *[Removed for discussion by Councilor Lindell]*
15. *[Removed for discussion by Councilor Lindell]*
16. *[Removed for discussion by Councilor Lindell]*
17. *[Removed for discussion by Councilor Lindell]*
18. REQUEST FOR APPROVAL OF AWARD OF BID NO. 17/30/B AND APPROVAL TO CONTRACT WITH SUB-SURFACE CONTRACTING, INC., FOR THE WASTEWATER MANAGEMENT DIVISION POTW ON-CALL REPAIR, REPLACEMENT AND EXTENSION PROJECT – CIP # FOR THE TOTAL AMOUNT OF \$91,788.35, INCLUSIVE OF NMGR. (STAN HOLLAND) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
19. REQUEST FOR APPROVAL OF CHANGE ORDER NO. 1 TO THE CONTRACT WITH SUB SURFACE CONTRACTING FOR THE WASTEWATER MANAGEMENT DIVISION POTW ON-CALL REPAIR, REPLACEMENT AND EXTENSION PROJECT – CIP #952 FOR THE TOTAL AMOUNT OF \$108,211.65 INCLUSIVE OF NMGR. (STAN HOLLAND)
 - a. REQUEST FOR APPROVAL OF A BUDGET ADJUSTMENT REQUEST FOR \$100,000.
Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
20. REQUEST FOR APPROVAL OF RFP #17/26/P AND A PROFESSIONAL SERVICES AGREEMENT WITH JOHN SHOEMAKER AND ASSOCIATES, INC., FOR HYDROLOGY, HYDROGEOLOGY AND WATER RESOURCES SERVICES FOR PERMIT COMPLIANCE, WATER RIGHTS AND WATER RESOURCE MANAGEMENT REQUIREMENTS FOR THE AMOUNT OF \$296,477 EXCLUSIVE OF NMGR. (ALAN HOOK) Committee Review: Finance Committee 06/05/17; Public Utilities Committee 06/07/17; and City Council ~~06/28/17~~ 06/14/17.
21. REQUEST FOR APPROVAL OF AMENDMENT NO. 3 TO THE PROFESSIONAL SERVICES AGREEMENT NO. 15-1037 WITH CDM SMITH FOR THE AMOUNT OF \$375,000 EXCLUSIVE OF NMGR. (BILL SCHNEIDER) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.

22. REQUEST FOR APPROVAL OF AMENDMENT NO. 2 TO THE PROFESSIONAL SERVICES AGREEMENT WITH CAROLLO ENGINEERS FOR THE AMOUNT OF \$52,813, EXCLUSIVE OF NMGR. (BILL SCHNEIDER) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
23. REQUEST FOR APPROVAL TO PURCHASE TWO (2) SUPPORT VEHICLES FROM POWER FORD VIA STATE OF NEW MEXICO STATEWIDE PRICE AGREEMENT FOR THE AMOUNT OF \$48,832. (LAWRENCE GARCIA) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
24. REQUEST FOR APPROVAL TO PURCHASE ONE (1) SMALL AUTOMATED SIDE LOADER FROM BRUCKNER'S VIA THE COOPERATIVE EDUCATIONAL SERVICES PURCHASING AGREEMENT (CES) FOR THE AMOUNT OF \$266,618. (LAWRENCE GARCIA) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17
25. REQUEST FOR APPROVAL OF THE AWARD OF BID NO. 17/10/B TO BRUCKNER'S OF ALBUQUERQUE FOR THE PURCHASE OF THREE (3) FRONT-LOADING SOLID WASTE COLLECTION VEHICLES FOR THE AMOUNT OF \$904,128. (LAWRENCE GARCIA) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
26. REQUEST FOR APPROVAL OF THE AWARD OF BID NO. 17/11/B TO RUSH TRUCK CENTER FOR THE PURCHASE OF TWO (2) AUTOMATED SIDE-LOAD SOLID WASTE COLLECTION VEHICLES OR A TOTAL OF \$ 659,114. (LAWRENCE GARCIA) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
27. REQUEST FOR APPROVAL OF PROCUREMENT SERVICES, CHEMICALS, REAGENT, REPAIRS AND EQUIPMENT FROM THE HACH COMPANY FOR THE WASTEWATER TREATMENT PLANT OVER \$50,000 EXCLUSIVE OF NMGR. (LUIS OROZCO) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
28. REQUEST FOR APPROVAL OF THE FOLLOWING BIDS FOR POLYELECTROLYTE CHEMICALS (SLUDGE THICKENING AIDS) FOR FY 2017/2018 THROUGH FY 2020/2021 FOR THE WASTEWATER TREATMENT PLANT AND COMPOST DEWATERING FACILITY. (KENNETH ESPINOZA)
 - a. BID NO. 17/33/B FOR THE AMOUNT OF \$44,455.50 PER YEAR FOR A TOTAL AMOUNT OF \$177,822 FOR FOUR (4) YEARS.

- b. BID NO. 17/34/B FOR THE AMOUNT OF \$71,944 PER YEAR FOR A TOTAL AMOUNT OF \$287,776 FOR FOUR (4) YEARS.
Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
29. REQUEST FOR APPROVAL OF A PROFESSIONAL SERVICE AGREEMENT WITH SIEMENS ENERGY, INC., TO PERFORM CLASS II SERVICES FOR THE TURBLEX BLOWERS AT THE WASTEWATER TREATMENT PLANT FOR THE AMOUNT OF \$60,000, EXCLUSIVE OF NMGR. (JOHNNY VALDIVIEZO) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
30. REQUEST FOR APPROVAL OF RESOLUTION NO. 2017- _____. A RESOLUTION DECLARING THE CITY'S POSITION ON REGIONALIZATION OF THE WATER SYSTEM (COUNCILOR MAESTAS). (ANDREW ERDMANN). Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
31. REQUEST FOR APPROVAL OF AWARD OF BID NO. 17/25/B TO DPC INDUSTRIES, INC., FOR FOUR (4) YEARS FOR THE PURCHASE OF SODIUM HYPOCHLORITE FOR THE CANYON ROAD WATER TREATMENT PLANT FOR THE TOTAL AMOUNT OF \$59,400. (ALEX PUGLISI) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
32. REQUEST FOR APPROVAL OF AWARD OF BID NO. 17/26/B TO BHS MARKETING, LLC FOR FOUR (4) YEARS FOR THE PURCHASE OF SODA ASH (SODIUM CARBONATE) FOR THE CANYON ROAD WATER TREATMENT PLANT FOR THE TOTAL AMOUNT OF \$86,100. (ALEX PUGLISI) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
33. REQUEST FOR APPROVAL OF AWARD OF BID NO. 17/27/B TO COMMODITIES USA FOR FOUR (4) YEARS FOR THE PURCHASE OF SALT FOR THE CANYON ROAD WATER TREATMENT PLANT FOR THE TOTAL AMOUNT OF \$27,330. (ALEX PUGLISI) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.
34. REQUEST FOR APPROVAL OF AWARD OF BID NO. 17/28/B TO CHEMRITE, INC., FOR FOUR (4) YEARS FOR THE PURCHASE OF LIQUID SODIUM PERMANGANATE FOR THE CANYON ROAD WATER TREATMENT PLANT FOR THE TOTAL AMOUNT OF \$35,616. (ALEX PUGLISI) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.

35. REQUEST FOR APPROVAL OF AWARD OF BID NO. 17/29/B TO CHAMELEON INDUSTRIES, INC., FOR THE FOUR (4) YEARS FOR THE PURCHASE OF LIQUID ALUMINUM SULFATE FOR THE CANYON ROAD WATER TREATMENT PLANT FOR THE TOTAL AMOUNT OF \$114,756.60. (ALEX PUGLISI) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.

5. APPROVAL OF MINUTES FROM THE MAY 3, 2017 PUC MEETING.

MOTION: Councilor Lindell moved, seconded by Councilor Trujillo, to approve the minutes of the meeting of May 3, 2017, as submitted.

VOTE: The motion was approved unanimously on a voice vote.

INFORMATIONAL ITEMS

6. MONTHLY UPDATE OF CAPITAL PROJECTS. (SHANNON JONES)

A copy of a *Public Utilities Project Status Report FY 16-17 Water Division*, is in the Committee packets. Shannon Jones, Acting Director, Public Utilities Department, highlighted information this document. Please see this document for specifics of this presentation.

7. RUBICON ON-BOARD TECHNOLOGY DEMONSTRATION. (SHIRLENE SITTON)

A copy of *RUBICON – RubiconSmartCity*, is incorporated herewith to these minutes as Exhibit "1."

Shirlene Sitton, Director, Environmental Services Division, introduced Terry Watkins, Rubicon from Denver. She said the pilot program was kicked-off on May 22, 2017.

Mr. Watkins said Rubicon Global is a tech-based company out of Atlanta, Georgia, and Santa Fe is the third City with whom they have partnered.

Mr. Watkins presented information via power point. Please see Exhibit "1" for specifics of this presentation.

The Committee commented and asked questions as follows:

- ★ Councilor Trujillo asked how the pickup would be exceeded. He said the machine should be able to flick that in.

Ms. Sitton agreed, saying this is just a picture of the driver's hub.

Mr. Watkins assumes it was picked up and this picture is more to educate the customer that it shouldn't look like that, even though they serviced it.

- ★ Councilor Villarreal, referring to the map with points of pickup, said that looked good, asking if the red ones were where they didn't put out the bin, or it was too full.

Mr. Watkins said maybe it was a bin not out, blocked by a car, or too contaminated for recycle, or a broken bin. They are trying to let the site know we need another bin.

- ★ Councilor Villarreal said it appears more people are using bins than before.

Ms. Sitton agrees that more people using bins. She said this system uses technology to determine whether or not an address has been collected. She said all addresses on the route are pre-loaded and stops are pre-scheduled. She said it could say a cart was collected if it is nearby, and they are working to be more precise. She said the RFID technology requires a reader in the truck, but that's very precise, but it is more expensive and requires more hardware. This is completely application based and cloud based. They are hoping to get very precise on that. On the trash routes, because most people set their trash out, they are recording bin not out.

Ms. Sitton said it will take more preciseness for recycling, but people are using the carts and there is a lot more participation now.

- ★ Councilor Trujillo said they say they can educate consumers, and what are they educating them about.

Mr. Walker said they are trying to build a process at the site and make sure they are interacting correctly. And once the data becomes more accurate and we get reports, they can know what address is participating and how much. And if they're contaminated most of the time, we can help to educate them.

Ms. Sitton said if someone's cart isn't collected, and they call in and don't know why, and the driver fails to leave a hang tag, we can look on the dashboard and say the driver came by at, for example, 2:54 p.m., there is a picture time stamped at 2:54 p.m. and tell them the exact reason it wasn't collected.

- ★ Councilor Trujillo asked if we are getting the data from vehicles as well.

Mr. Watkins said yes, and long term that will give the City some route optimization.

- ★ Councilor Trujillo asked if would give the weight of what was collected.

Mr. Watkins said the driver interacts with the technology on weight tickets when they dump, so we know how much they dumped, how many they service, so they could calculate the average weight per pickup per home.

- ★ Councilor Trujillo said he always is interested in the use of technology, especially as it pertains to the fleet that is giving data – is the vehicle idling, and such.

Mr. Watkins noted on the map, outside the bubbles, there is a bread crumb trail which will show in real time where the driver has been driving, and it notifies us when the truck has been sitting idle. They are working toward making more data available for managers, and to better manage drivers. He said the information is there, but we need to take it to the next level.

- ★ Councilor Trujillo said he is interested in the mileage per vehicle per day.

Mr. Watkins said that information is available as long as they are logged into the phone.

- ★ Councilor Trujillo asked if the phone logs-on automatically.

Mr. Watkins said the drivers log into the route every day, and as long as they're logged in, the phone stays on, and we know how many miles they have driven in a day.

- ★ Councilor Trujillo asked if we purchase phones for the trucks.

Ms. Sitton said the phones are provided as part of the pilot project.

- ★ Councilor Lindell asked how the drivers like this, and if it took a lot of training, or if it is something they feel is one more task. Do they feel it helps them in terms of someone calling saying something that may or may not be true.

Ms. Sitton said the drivers do like it because it's always their word against the customer. Now we know for sure in most cases, and the driver has proof for his decisions. She said Mr. Watkins has said this has been one of the most positively received things in the program. She said the Drivers have never gotten anything, and to get something this cutting edge and have it be for them has been exciting for them.

- ★ Councilor Lindell said that's good, because she wants it to be something that they like, and feel is an improvement for them, and doesn't feel like one more onerous task that is put upon them. She thinks they do a terrific job, and is dumfounded about the number of stops and collections. She asked how many collections per route is done by a driver.

Ms. Sitton said it varies from route to route.

Mr. Watkins said there are 700-900 trash pickups per day, and the recycle are about 1,500 per day.

- ★ Councilor Lindell said her hat is off to the whole crew, saying this is astounding. She said they do an absolutely A-Plus job.

Ms. Sitton said she will pass that to the crews. She said, in terms of routing, there are constant substitutes or change in routes, or a truck breaks down and everybody has to jump in and finish a route. She said with this technology, everything is on the phone and they can get turn by turn directions if needed if they are unfamiliar with the route. She said they are capturing homes that were never captured on routes previously when we used paper routes and older GIS data. It is improving our own technology data base tremendously.

- ★ Chair Rivera asked if this pilot is just for recycling or if it is for trash as well.

Ms. Sitton said the app covers recycling and trash, and they also are developing the cart maintenance tickets for cart maintenance deliveries, as well as the daily tickets for the roll-offs because they don't run on a route. If they have scheduled pulls then that is routed, but every day they are on demand as well which is a daily change. That is also the case with cart maintenance which will depend on the repairs for the day. That is the last section Mr. Watkins has been working on – developing that part of the technology. So it covers everyone in the field.

- ★ Chair Rivera asked if the phones are mounted for the test period. He asked if we decide to do this full time would the phones be mounted.

Mr. Watkins said they are mounted, but it isn't a permanent mount. The suction cups stick to the dash or the windshield with a power cord. All of this was free to the City for use. He said it will be the same after the pilot period. They probably can get a permanent mount in the truck, but he hasn't heard too many issues with regard to the mount falling off, noting it is a very strong adhesive and it sits well.

- ★ Chair Rivera asked if there have been issues in other cities, in terms of theft of the phones.

Mr. Watkins said yes, but not so much here. He said they did Atlanta, which turns everything in every day. Santa Fe only does the phones, but we have not had those issues in Santa Fe.

- ★ Chair Rivera asked, since the phones are constantly plugged in and charging, how long do they last usually.

Mr. Watkins said he has launched haulers in which phones are more than a year old, the same iPhones as Santa Fe. He said they see no issues with that, noting they don't have to charge at night, but there are docking stations with chargers where they can charge them at night if needed.

- ★ Chair Rivera said he is glad the drivers like it. He asked how long it takes for the driver to say they didn't pick up a cart, or to stop and take a photo – how long does it take per complaint.

Mr. Watkins said a minute per issue on the route if have to get out of the truck and take a picture. He said depending on where they stop, and if they don't have to get out, it doesn't slow them down that much where they wouldn't want to document the issue. It takes longer for them to have to go back the next day because they didn't document the issue and the customer calls and says they were missed.

- ★ Chair Rivera asked if there have been issues with the drivers of "big brother" watching the them.

Ms. Sitton said that has not been the case here, although it has been in other places.

- ★ Chair Rivera asked if this device monitors the speed of the drivers.

Mr. Watkins said no, but they will be able to monitor speed in future, to make sure they are driving safely. They want to provide technology in the future that makes sites safer.

- ★ Chair Rivera asked if there is a way figure that out that now if you had to do so.

Ms. Sitton said they still have the GPS on the trucks that allows them to track speed, but it is not the newest or best technology. This is a pilot program, and so they are utilizing our issues to make their product better, so she is hoping that is something that they can do. There are time stamps, so there is a relative way you could determine that. She said when we do purchase an operational software, that will be a part of it.

- ★ Chair Rivera asked who would monitor the dashboard.

Ms. Sitton said the Customer Service people are using the dashboard all day long, and they love it. She said anyone in the office can log in and look at dashboard – look at the route, see how much is completed. It is most useful and used by the Customer Service people who are answering the phones and dispatching.

- ★ Chair Rivera asked if it is web based – can it be accessed from an iPad at City Hall, or from an iPhone.

Mr. Watkins said yes. He said it helps the manager to better manage their drivers.

- ★ Chair Rivera asked who would address issues requiring customer visits for cross-contamination and such which require education.

Ms. Sitton said that could be a call from a Customer Service Agent or it could go higher, depending on what it is. She said they can develop better outreach. She said the possibilities are endless depending on the issue, but most of the time it will be the Customer Service person.

- ★ Chair Rivera asked if that would be done more by telephone than an actual visit.

Ms. Sitton said yes, unless there was something really egregious that required a visit.

- ★ Councilor Trujillo asked if we purchase the program can different people access the program.

Mr. Watkins said there are different user levels, and we can have user levels tied to everyone that logs in with regard to what they can deal with.

CONSENT DISCUSSION

13. **REQUEST FOR APPROVAL OF AMENDMENT NO. 1 TO THE PSA 160345 WITH PK PUBLIC RELATIONS FOR THE AMOUNT OF \$75,000, EXCLUSIVE OF NMGR AND EXTEND THE CONTRACT FOR A PERIOD OF ONE (1) YEAR. (CHRISTINE CHAVEZ)**
Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.

Councilor Lindell said in the Memo on packet page 1, it lists First Year Accomplishments. She said she just has a comment that on a \$75,000 contract, with everything she has seen listed here in First Year Accomplishments, she feels there so many things that she doesn't know about. She said she has no answer and isn't looking to staff for an answer, she is just making comment that might be worth discussing. She wonders if we're trying to paint with too broad a brush in what we're looking for. She thinks each one is a worthwhile project, but with a \$75,000 contract, she wonders if we can give this many items the attention each observes. For example, the Ion Water Roll-Out. She said there are 2,000 users, which is a little dismal for that program in view of the number of customers we have, in terms of how good it is and how much we have invested in Badger, we're not getting as much as we possibly could. She said her suggestion is we're undertaking some really good activities, but perhaps too many.

MOTION: Councilor Lindell moved, seconded by Councilor Trujillo, to approve this request.

VOTE: The motion was approved unanimously on a voice vote.

14. **REQUEST FOR APPROVAL OF AMENDMENT NO. 4 TO THE PSA #16-0051 WITH GM EMULSIONS LLC FOR FY 2017/2018 FOR ON-CALL PATCHING AND SEALING SERVICES FOR THE AMOUNT OF \$37,909.38 INCLUSIVE OF NMGR. (MIKE MOYA)**
Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.

Councilor Lindell said she just has a comment that we have contracts with GM Emulsions, TLC and SubSurface. She asked the reason we don't stick with one contractor, or issue a bigger RFP and have only one on call. She said GM Emulsions just did a project in front of her house, and they did a terrific job. She stressed that she has no complaints about any of the companies.

Mr. Moya said sometimes we have so many issues that all hit in a rush. So, instead of spreading it between the City and the contractor, we hire another contractor to help us get some of this done more quickly. It is more a public relations kind of thing, so we don't have calls going to them and to the Governing Body asking the reason something hasn't been paved.

Councilor Lindell said her previous complaint was regarding the patchwork on Palace Avenue, and in her opinion, many of the patches are substandard and it's really not in very good shape. She said she knows nothing about patching a road, but she thinks we need we need to go back and check to be sure patches are holding. Or find one company that we think does a better job on patching, and go with one contractor.

MOTION: Councilor Lindell moved, seconded by Councilor Trujillo, to approve this request.

VOTE: The motion was approved unanimously on a voice vote.

15. **REQUEST FOR APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH MOLZEN-CORBIN THROUGH A COOPERATIVE EDUCATION SERVICES AGREEMENT FOR ENGINEERING SERVICES FOR DESIGN OF THE BDD WATER TREATMENT FACILITY 4 MILLION GALLON FINISHED WATER STORAGE TANK FOR THE AMOUNT OF \$62,023.75 EXCLUSIVE OF NMGRT. (KRISTIN JOHANSEN)**
Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.

Councilor Lindell asked who did the design on the Hospital water storage tank.

Kristin Johansen, Engineer, Water Division, said it was done in combination by Souder Miller & Associates, and VSL Structural Technology.

Councilor Lindell said prior to her coming on the Council, we did a repair that was inadequate, and didn't hold, and costs "hundreds of thousands of dollars." She asked if that was an engineered repair.

Ms. Johansen said she believes it was.

Councilor Lindell asked if we know who engineered that repair.

Ms. Johansen said she thinks it was a combination between the companies who did the repairs, and in-house – it was kind of a collaborative effort. She said she would like to clarify that this is a new tank.

Councilor Lindell said hopefully, new tanks are more simple than tank repair.

Ms. Johansen said yes.

MOTION: Councilor Lindell moved, seconded by Councilor Villarreal, to approve this request.

DISCUSSION: Chair Rivera said he is glad Ms. Johansen is on the project, and that she has learned from the issues that happened with the Hospital tank, and that this one goes much smoother, saying, "I'm confident that it will.

Councilor Lindell asked that Ms. Johansen advise us of when "the Hospital tank completion party is."

Ms. Johansen said definitely.

VOTE: The motion was approved unanimously on a voice vote

16. **REQUEST FOR APPROVAL OF A CONTRACT WITH BLUE RIVER CATTLE AND LAND COMPANY, LLC, TO PURCHASE TOILET RETROFIT CREDITS, 8 AFY FOR THE TOTAL AMOUNT OF \$96,000. (ANDREW ERDMANN) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.**

Councilor Lindell asked how many retrofit credits are remaining.

Andrew Erdmann, Water Resources Coordinator, Water Division, said he can get a specific number for the Committee, but "I don't know off the top of my head. It's in the thousands."

Councilor Lindell said she knows this program is set up, and it's functioning, and ongoing. However, it really bothers her that we have turned retrofits into a commodity, and we have no control over it at this point in time. She feels we're caught up in a program we created. She said her suggestion would be that we set a price on all remaining credits and try to acquire them in some set period of time, so they do not continue to be a tradable commodity. She thinks this is an improper position into which we have put the City and the public. Over time, this is not a good situation. She asked Mr. Martinez to speak to this.

Marcos Martinez, Assistant City Attorney, said Councilor Lindell has stated the situation well. He said, "The problem is the City created a commodity of toilet retrofit credits back in 2002, and these attempts to buy them back are attempts to retire them for good, and also allow developers who fit certain criteria of smaller developments to pay money back to the City, and it

allows the City to have this bank of water for small developers to tap into. Larger developers still have to transfer rights. So this is, in some ways, an attempt to close the loop on it. I do wonder though, if our offering prices may be too high."

Councilor Lindell said these are \$300 each.

Mr. Martinez said, "We could lower them and still have people willing to sell them back to the City, because they obviously have been holding them and not doing anything with them. And the only willing buyer appears to be the City of Santa Fe."

Councilor Lindell said she thinks this something that we are going to need to look into. And she said we have created this market place and we can control this market place. She doesn't think what we have done here is particularly healthy. She said perhaps this is a conversation she can have with Mr. Martinez in the future to figure out some way that we can retire the program and stop these retrofit credits from functioning as commodities within the market place.

MOTION: Councilor Lindell moved, seconded by Councilor Villarreal, to approve this request.

VOTE: The motion was approved unanimously on a voice vote

- 17. REQUEST FOR APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH FACILITY SOLUTIONS GROUP, INC., TO PROVIDE MATERIALS, LABOR AND EQUIPMENT FOR THE LIGHTING UPGRADE PROJECT AT THE CANYON ROAD WATER TREATMENT PLANT FOR THE AMOUNT OF \$82,421.55, EXCLUSIVE OF NMGRT. (JOHN ALEJANDRO) Committee Review: Public Utilities Committee 06/07/17; Finance Committee 06/19/17; and City Council 06/28/17.**

Councilor Lindell asked if this is a CIP project.

John Alejandro, Renewable Energy Planner, Public Utilities Department, said yes.

Councilor Lindell asked if it has been on the list for a while.

Mr. Alejandro said, "Just for clarification, no. It has not been on the list. It has been on my 'to do list' for quite some time in terms of doing lighting retrofits. But discussions between Nick and myself over the last 6-7 months, have identified a series of facilities that are low hanging fruit for LED light replacements. And we start at the source of supply, given the number of interior and exterior lights that need to be replaced because of their age, inefficiency and the amount of money that we are paying in electricity."

Councilor Lindell asked the reason this project was placed before street light projects.

Mr. Alejandro said although PNM has established an LED rate, it still has to resolve several technologies with the types of LED lamps and the manufacturers they will offer to customers for replacement. Secondly, the AMSI photo cells that would be attached to those lights have yet to be approved. There are a series of things that PNM still has to resolve on its end before we think it would be appropriate for us to start looking at a project with them.

Councilor Lindell said she is not really sure why this has come forward. She said she has other lighting projects in mind which would come in front of this project. She said she and Councilor Villarreal have had discussions about lighting projects they would like to have done. They have been told those need to go on the CIP list to be considered for funding. She thinks this is a nice project and probably will save us money. However, there are some areas without lighting and the lighting would make a difference in health and safety.

Mr. Alejandro said the number one reason they chose this particular project was because of safety issues. He said he thinks the lights at the source of supply haven't been touched in 15-20 years.

Councilor Lindell asked if this property has existing lighting.

Mr. Alejandro said yes.

Councilor Lindell said the projects she is talking about don't have existing lighting.

Mr. Alejandro said the lighting levels are inadequate at best, particularly in storage areas that utilize chemicals and open pools of water. In certain situations, there are single 60 watt light bulbs in a storage area where chemical processing is happening. They have issues with trespassers in and around the property, and wildlife is wandering onto property where security cars are encountering bears on the property, and exterior lighting is dark in some instances. The surrounding neighborhoods have called the facility directly and asked that lights be turned off because the brightness of those lights are impeding on their night sky. As a result, staff has gone out there with black spray paint, and spray painted over light cover fixtures. They have put in blackout curtains on the facility to mitigate light emitting from the facility itself. There are 500 watt metal halide fixtures that are costing us thousands of dollars a year. It is a combination of safety and energy efficiency.

Mr. Alejandro continued, saying this proposal cuts the energy rate by approximately 65% and saves us 65% in electricity costs. It is low hanging fruit for us and the Water Division. He said he would love to discuss additional lighting projects that the Committee feels would be a priority, because this is one of many he would like to tackle over the next several months.

Councilor Lindell said the packet indicates that the annual utility savings is \$12,000. She said Mr. Alejandro indicates he has had neighbors contacting him. She said she hopes that FSG knows that neighborhood will be very very active if there is any night sky light pollution.

Mr. Alejandro said, "Absolutely. And when we walked the property with FSG, we made those concerns known to the lighting company, that the neighborhood has concerns about light pollution. So the fixtures selected for replacement are energy efficient and enable us to direct light in a way that mitigates light pollution in a much more effective way than the existing lighting now on the property."

Councilor Lindell asked the number of fixtures which are being changed out with this request.

Mr. Alejandro said there is an Excel spreadsheet breakdown on packet page 20, of the existing and proposed, noting there are a total of 350 lights, interior and exterior. Please see page 20 for the break-down of the proposal.

Councilor Lindell said Mr. Alejandro can plan on she and Councilor Villarreal coming to him with a project that they need to have attention given to.

Councilor Villarreal said, "I actually don't think John is a part of this conversation, because another department has to construct new lighting. So there is that disconnect. As I say, don't shoot the messenger. John was told to do efficiency lighting in this place. Although I do agree with Councilor Lindell, if it's too bright, we're going to get so many complaints. And that's a lot of lights. And so I'm supportive of efficiency and money savings, but it doesn't necessarily fall in his lap to figure out what to do in Harrison. It really is Public works making a priority for that street to have lights. And so this actually doesn't concern you. But this retrofitting, this changing out where we need lights in this area. I don't want John to be this person that we're blaming, because he has nothing to do with that, but it is Public Works trying to figure it out, with the CIP funding. And it's true, like how does this get money versus other things that are basic needs in safety. And this is also a safety issue, too. We realize that, but it's complicated. So I hear you, and I think you're going to do a good job, but I do think that it's going to be a challenge with the lighting...."

Mr. Alejandro said the good news about this project is that when we retrofit the exterior lighting, we will consolidate the number of exterior lights outside. He reiterated that because of the new quality of lighting, we have the ability to direct that light in ways where we actually need it. So they think we can reduce the number of exterior fixtures. They spent several hours walking the property to understand exactly what types of lighting would be best in certain areas, both for the neighborhood and the facility.

Councilor Villarreal asked if he is charged with looking at all public facilities and retrofitting our lights.

Mr. Alejandro said because he's in a unique position, he can work with various departments including the Interim Director of Public Works, Nick Schiavo. He said they are in direct contact in terms of what types of lighting projects would be appropriate to pursue, including street lights. He would be happy to have a conversation with Mr. Schiavo about the challenges they are facing, given the lack of light in certain places within the City. And part of that conversation and working with different facilities, divisions and departments, is educating staff on the benefits of lighting retrofits and going with certain types of lights, rather than just swapping them out just because.

Councilor Lindell said that sounds like a good plan. She said we'll just have to work with the CIP powers that be, commenting they need to figure out the issue on Harrison. She said there probably are other places around the City with issues. She thanked him for moving this forward.

MOTION: Councilor Villarreal moved, seconded by Councilor Trujillo, to approve this request.

DISCUSSION: Councilor Trujillo said with regard to Councilor Lindell's issue, he would suggest that she introduce a Resolution stating that they want to put it on the CIP list. He commented that he has a lot of projects for which he has been waiting for 11 years, commenting we should go after money for those kinds of projects.

Chair Rivera asked Mr. Alejandro if he has a budget in his Division.

Mr. Alejandro said no, and he has to rely on other peoples money.

Chair Rivera said this project was brought forth by the Water Treatment Plant. They decided they were going to do this and Mr. Alejandro is just making the recommendation on how to proceed. He asked if this is correct.

Mr. Alejandro said that is correct.

Chair Rivera asked if recommendations were made regarding the holding devices.

Mr. Alejandro said to minimize cost, the first option was if we could swap out the lights without additional infrastructure investment. He said given the different lights on the market, they can find the most appropriate without investing in additional infrastructure.

Chair Rivera said he thinks LED are much brighter than traditional lighting, and Mr. Alejandro said that is correct.

Chair Rivera said so all of that has been factored-in with regard to the neighbors and Mr. Alejandro said that is correct.

VOTE: The motion was approved unanimously on a voice vote.

DISCUSSION AND ACTION ITEMS

There were no Discussion and Action Items.

MATTERS FROM THE PUBLIC

There were no Matters from the Public.

MATTERS FROM THE CITY ATTORNEY

There were no matters from the City Attorney.

MATTERS FROM STAFF

There were no Matters from Staff.

MATTERS FROM THE COMMITTEE

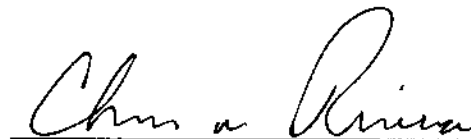
Councilor Trujillo said he got word about 2 hours ago, that the Fishing Derby is being rescheduled to next Saturday.

Chair Rivera thanked staff for the aggressive, healthy agenda. He said the packet was put together marvelously well, and most of his questions were answered. He said staff paid attention to detail, making sure everything was put together nicely.

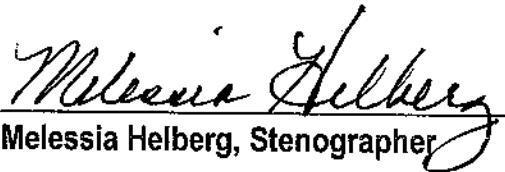
NEXT MEETING: WEDNESDAY, WEDNESDAY, JULY 5, 2017

ADJOURN

There was no further business to come before the Committee, and the meeting was adjourned at approximately 6:10 p.m.

A handwritten signature in cursive script, appearing to read "Chris M. Rivera", written over a horizontal line.

Christopher M. Rivera, Chair

A handwritten signature in cursive script, appearing to read "Melessia Helberg", written over a horizontal line.

Melessia Helberg, Stenographer

RUBICON
RubiconSmartCity

Exhibit "1"

Rubicon's Municipal Advantage

Getting Public Works and Sustainability on the same page



By shifting to a technology-based, data-enabled model, Public Works Departments can achieve greater operational efficiency and drive better customer service.



By committing to collect and analyze data from the field, Sustainability Departments can develop better recycling, zero waste, and resiliency policies.

Our technology brings these two departments of city government together, ensuring that they are oriented towards delivering more effective service and more sustainable outcomes.



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Overview of Technology

Driver App

- Collect service confirmations in real time
- Provide vehicle tracking
- Enable documentation of driver issues
weight tickets and driver site notes

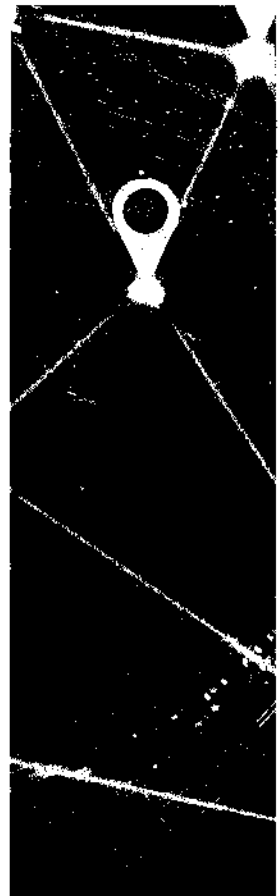
Manager Portal

- Real Time route updates
- Daily reporting and operational insights
- Communication with drivers




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Rubicon's Driver App

Driver Screen


RUBICON
DRIVERS

David Battaglia

Jacob Bolson

Karthik Pandian

Phil Rodoni

Ryan Alexander

Sam Podgorny

SKIP

Login

Welcome, Ryan
Not you?

Vehicle Type
Residential

Vehicle
QA-Res22

Route Name
1102M

START



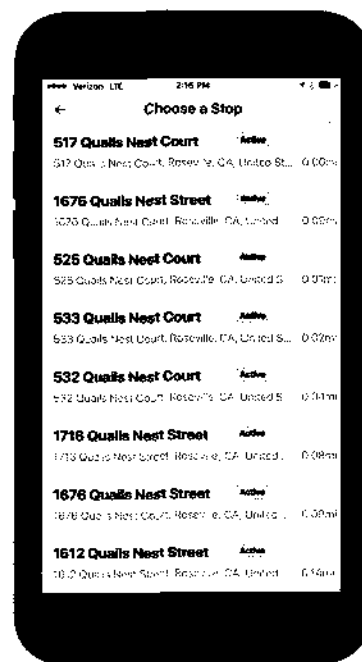
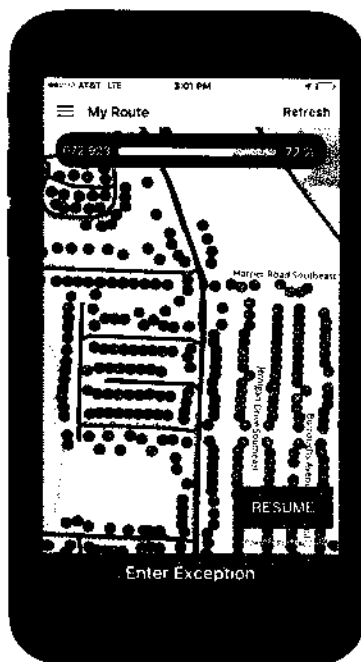
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Residential Functionality

Interacts by Exception

Automatic service confirmations with the ability to flag issues and take pictures along the way.



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Customer/Location:

Customer/Address

SEARCH

Map

Map Satellite



Locations

Map

Route Images

Date: 05/04/2017

Time: 12:25

Observer: K. J. H.

220 Birds

Fe. (N41)

Category: Bulk Item



SAVE

EMAIL

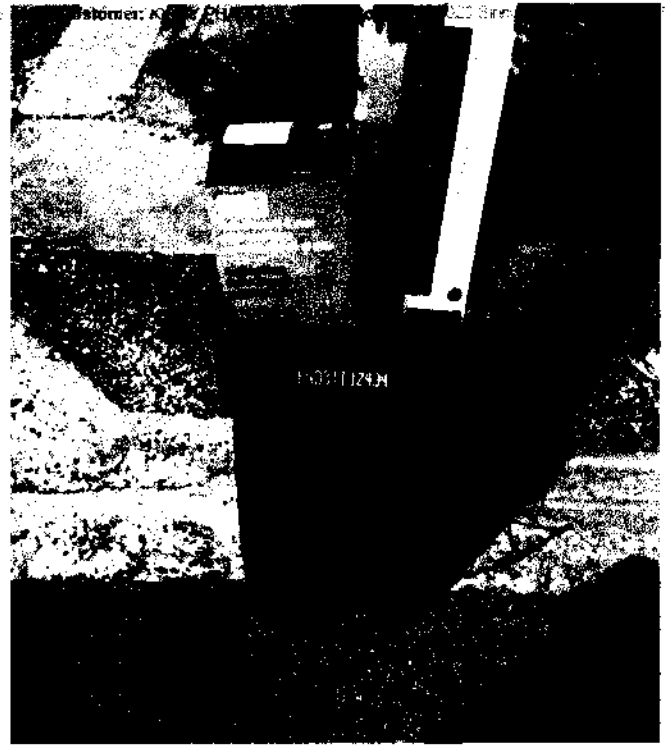


Image 2 of 2

Locations

Map

Route Images

Dates: 09/02/2017 Times: 09:23

100%

Category: Contaminated/Unacceptable



SAVE

EMAIL

