

**CITY OF NAPLES  
PURCHASING DIVISION  
CITY HALL, 735 8<sup>TH</sup> STREET SOUTH  
NAPLES, FLORIDA 34102  
PH: 239-213-7100 FX: 239-213-7105**

**ADDENDUM NUMBER 1**

| NOTIFICATION DATE: | SOLICITATION TITLE:   | SOLICITATION NUMBER: | BID OPENING DATE & TIME:    |
|--------------------|---|----------------------|-----------------------------|
| <b>4/9/2020</b>    | <b>Wastewater Treatment Plant -<br/>Hauling and Disposal of<br/>Biosolids - RFP</b> | <b>20-018</b>        | <b>4/21/2020<br/>2:00PM</b> |

**THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO,  
AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.**

The following clarifications are issued as an addendum identifying the following changes for the referenced solicitation.

1. Attached "Exhibit A" is revised page 15, this page replaces in its entirety the original published page.
2. Attached "Exhibit B" are revised pages 30 through 36; these pages replace in their entirety the originally published pages.
3. Please find attached "Exhibit C" City's Current Biosolids Analysis Report

**The following answers to written submitted questions:**

1. What is the current price / ton?

**ANSWER: \$24.29/TON.**

2. Where is the material currently being disposed? Which landfill, recycling center, etc.?

**ANSWER: Lee County.**

3. When does the current contract expire?

**ANSWER: 9/30/2020.**

4. Who is the current awarded contractor?

**ANSWER: Prolime Corporation.**

5. Alternate Bid Questions:

- Does the City of Naples have a separate contract with Lee County to accept their biosolids?

**IMPORTANT MESSAGE**

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**ANSWER: Yes, only through 9/30/2020. Bid 20-018 alternate pricing is requested should the City be able to negotiate with Lee County to continue to haul biosolids to their processing facility beyond 9/30/2020.**

- If so, what is the tipping fee? How long is the contract valid for?

**ANSWER: \$27/TON – 9/30/2020.**

Please attached correspondence with Lee County.

- Lee County confirmed via email that they would only take the City of Naples sludge until Oct 2020. Does this warrant the removal of the “Alternate Bid” pricing from RFP 20-018?

**ANSWER: Not at this time.**

6. As this is not a construction project, would the City consider waiving the requirement for a Florida Contractor’s License? FLDEP does not issue said license for biosolids management services?

**ANSWER: Yes, a Florida Contractor’s license is not required. However, the contractor shall be responsible for possessing all of the necessary licenses required to do work within the State of Florida, Collier County and the City of Naples. The contractor shall also be compliant with all licenses required to haul and transport material pursuant to the Florida Department of Motor Vehicles and the Florida Department of Transportation regulations.**

7. What is the City’s current contracted rate for biosolids hauling and disposal service?

**ANSWER: Hauling: \$24.29/TON; Disposal: \$27.00/TON.**

8. Is the City willing to waive the requirement for a fully D.O.T. compliant jockey truck as it will not be utilized on the road?

**ANSWER: Yes, the DOT compliant requirement may be waived. The intent of this specification is to ensure that the contractor provides a truck in acceptable working condition as intended by the manufacturer for the City’s use. The specifications have been revised as stated below:**

#### D. TRAILERS AND EQUIPMENT

For Undigested Cake (12% - 18%) Wastewater Bio-solids Sludge (As referenced in the Special Conditions Section): For hauling and disposal, the successful Contractor shall furnish a minimum of two (2) empty 40-yard, triple axel, liquid tight trailers per day, including Sundays and Holidays. Within 24 hours of being notified by the City that a trailer is full, the Contractor shall pick up a loaded trailer. The Contractor shall also supply, on site, a trailer transport vehicle (capacity yard spotter or approved equal jockey truck) that contains power steering, hydraulic fifth wheel, clean, and well maintained. Authorized City employees will move the trailers. The City will provide the fuel for the jockey truck. Contractor shall be responsible for all other maintenance to jockey truck. The Contractor shall provide monthly inspections and required preventative maintenance on the jockey truck. In the event the jockey truck is out-of-service the Contractor shall provide a means of moving the trailers for loading with no interruption of service. Approximate weight of cake solids is +-1,200 pounds/cubic yard.

9. Does the City prefer a green recycling approach over landfilling?

**ANSWER: Contractors are encouraged to provide recycling alternatives within their proposals, including applicable cost, and those alternatives will be evaluated.**

#### IMPORTANT MESSAGE

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10. Will the City be checking the FLDEP and public records of a company's performance?

**ANSWER: The City may check company performances on a case by case basis.**

11. Is a company's financial strength a consideration?

**ANSWER: Yes, contractors are encouraged to provide such information within their qualifications of the submittal.**

12. The bonding requirements on pgs. 14 & 15, items F & G refer to "construction-related sealed bids" so since there is no construction involved, are these bonds required for this contract? If so, the language in item G. Proposal Construction Performance & Payment Bonds is a repeat of the bid bond language provided in item F. What are the specific Performance and Payment Bond requirements for this contract?

**ANSWER: Please reference attached Exhibit A.**

13. Would the City consider allowing for the Performance and Payment Bonds to be issued on an annual contract amount that is renewable annually?

**ANSWER: No, please reference example below:**

**The dollar amount will be for the total of the initial term of the Agreement. This RFP's initial term is 3/years with an option for 2/1-year renewals.**

**Example of Bonding dollar amount. Awarded Vendor \$800,000 per year x 3years = \$2,400,000 Bond requirement.**

14. Is the City open to alternative proposals for liquid sludge such as emergency dewatering services?

**ANSWER: Yes, only under emergency conditions.**

15. Given the situation with the impending changes to Florida Chapter 62-640, would the City consider allowing for price increases such as Consumer Price Index increases?

**ANSWER: The unit prices for the Hauling and Disposal of Bio-solids Services shall remain the same through the first three years of the Agreement. The initial contract period from October 1, 2020 through September 30, 2023 will not be subject to annual increases. Annual price adjustments may be considered during contract renewals beginning October 1, 2023 and each October 1 for the remaining term of the Agreement, if requested, in writing, by the Contractor. Each written request will be reviewed by the City and Contractor to determine if a price increase is warranted and can be mutually agreed upon.**

**The contract unit prices may be reviewed and adjusted annually during each contract renewal period to reflect increases published in the Consumer Price Index for All Urban Consumers, U.S. City Average, for All Items (Unadjusted 12-months), also known as the "CPI-U", published by the United States Department of Labor; also accessible on their website at <http://www.bls.gov/cpi>. Should an adjustment be agreed upon, the adjustment may become effective on the first day of the month following the initial term of the contract (October 1st), and will use the August CPI-U publication within the current year before the adjustment becomes effective. The contract unit prices may be multiplied by the percent increase in the CPI-U during each subsequent twelve-month renewal period upon review and approval by the City. The total adjustment to the unit prices in any given year shall not exceed five percent (5%) of the previous year's rate. If publication of the CPI-U ceases, or if the CPI-U otherwise**

**IMPORTANT MESSAGE**

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becomes unavailable or is altered in a way as to be unusable, the City may select another relevant price index published by the United States Government or by a reputable publisher of financial and economic indices.

The Contractor may petition the City for an additional rate adjustment resulting from a change in law. The Contractor's request shall contain substantial proof and justification to support the need for the rate adjustment. The City may request from the Contractor such further information as may be reasonably necessary in making its determination. Within sixty (60) calendar days of receipt of the request and all other additional information required by the City, the Department Director shall determine the fairness of the request and shall make a recommendation to the City Manager. Adjusted rates shall become effective upon approval by the City Manager.

16. Under the Bid Tabulation sheet, the liquid unit price (Items #2 under each Task) is shown as /Ton. Will the tanker trucks be able to use the scale? If not, would the City consider modifying the Unit to reflect /Gallon?

**ANSWER: Yes, a scale will be available at the City's Wastewater Treatment Plant.**

17. Please provide current analysis of the City's biosolids.

**ANSWER: Please reference attached Exhibit C.**

18. For the Hauling Only Alternative Bid, does the proposer need to provide a Jockey truck?

**ANSWER: Yes, a jockey truck is required for both bid options.**

**Exhibit A - Revised page 15**

**Exhibit B - Revised pages 30 – 36**

**Exhibit C - City's Current Biosolids Analysis Report**

**###**

**IMPORTANT MESSAGE**

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authorized to do business in the State of Florida or otherwise supplied in a form satisfactory to the City. The bid bond must be submitted with the bid. When the bids require a bid bond, noncompliance will result in rejection of the bid. Note that failure or refusal of the awarded bidder to enter into a contract within twenty (20) calendar days after receipt of said contract will result in damages to the City and bid bond will be forfeited to the City as liquidated damages.

**G. PROPOSAL PERFORMANCE & PAYMENT BONDS**

A Performance and Payment Bond will be required of the Awarded Proposer for any contract that is in excess of \$100,000.00 dollars and will be in an amount equal to 100 (%) percent of the price specified in the Contract.

The bond(s) shall be executed by a surety company authorized to do business in the State of Florida, or otherwise secured in a manner satisfactory to the City for the protection of all persons supplying labor and material to the contractor or its subcontractors for the performance of the work provided for in the contract.

**H. QUESTIONS**

Questions regarding this proposer packet must be received in writing in the Purchasing Division NO LATER THAN **TEN CALENDAR DAYS PRIOR TO THE BID OPENING DATE TO ENSURE AN ANSWER IS PROVIDED PRIOR TO CLOSING. Last day for questions is 4/11/2020**

**Direct all questions to:**  
**Gerald "Jed" Secory, MBA / CPPO / CPM**  
**Purchasing and Contracts Manager**  
City of Naples, Purchasing Division  
735 8<sup>th</sup> Street South  
Naples, Florida 34102  
**PH: (239) 213-7102 FX: (239) 213-7105**  
[Jsecory@naplesgov.com](mailto:Jsecory@naplesgov.com)

- In the event that the City's Sludge Thickening Process Equipment must be taken offline for extended maintenance or repair, the Contractor shall submit a per ton cost to dewater using a mobile mounted centrifuge and haul or a per ton cost to haul and dispose of an undigested Thickened Liquid (1%-1.5%) Wastewater Bio-solids (sludge). This Thickened Liquid Sludge will be hauled and disposed at designated Contractor locations. These dump sites will be properly permitted through the Dept. of Environmental Protection and specific in location, address, and/or description for tracking and reporting purposes. Examples of these dump sites would be a Residual Management Facility or a Wastewater Treatment Plant.
- The City is required to perform specific reporting information to the regulatory agencies. Therefore, the Contractor shall provide the following information on each of the delivery tickets submitted daily:
  - Disposal Site Name & Permit Number
  - Owner of Disposal Site
  - City representative signature
  - Operator/Driver signature
  - Applier Receiving facility representative signature
  - Latitude and Longitude Coordinates
  - County
  - Section/Tract
  - Weight in, weight out and net weight
  - Amount Hauled - tons
  - Date and time removed
  - Date and time delivered

#### **M. ALTERNATE BIDS**

The City of Naples reserves the right to consider any alternate bid submitted that may include hauling and disposal from the 1400 3rd Avenue North location to the Lee County Solid Waste Landfill facility located at 5500 Church Road, Felda, FL 33930 (phone: 239-533-8000) – reference Compensation Schedule form. The City further reserves the right to accept any proposal that it deems to be in the City's best interest.

#### **N. INSURANCE**

The City's General Insurance Requirements on page 10 apply. In addition to the City's General Insurance Requirements, the specialized insurances listed below are required:

**CONTRACTORS POLLUTION LIABILITY** – for sudden and gradual occurrences and in an amount no less than \$1,000,000 per claim and \$1,000,000 in the aggregate arising out of work performed.

**O. SELECTION PROCESS**

**1. SOLICITATION SCHEDULE:**

Listed below are the important dates and times related to this solicitation. The Procurement Division may find it necessary to change any of these dates or times. All dates are subject to change.

| Action                         | Estimated Completion Date |
|--------------------------------|---------------------------|
| Issue RFP to Qualified Vendors | Week of March 16, 2020    |
| RFP Due Date                   | April 21, 2020            |
| Evaluation Committee Meeting   | Week of April 27, 2020    |

**2. PROPOSAL OPENING**

The bid opening is public on the date and at the time specified on the proposal form. It is the proposer's responsibility to assure their proposal is delivered at the proper time and place of the proposal opening. Proposals which for any reason are not so delivered will not be considered.

**3. EVALUATION COMMITTEE**

The City Manager will appoint a selection committee to review and evaluate the proposals using the following criteria. The City, at its sole discretion, may contact the references and/or visit one or more of the projects listed in response to this solicitation as part of the evaluation process.

**4. SELECTION CRITERIA:**

Any proposal that does not meet the minimum qualifications as stated above will be rejected. The criteria below are not necessarily listed in order of importance. Proposals will be evaluated on the following criteria:

| CRITERIA                | MAXIMUM POINTS |
|-------------------------|----------------|
| Qualifications          | 30             |
| Compensation Schedule   | 40             |
| Disposal Location       | 20             |
| Value Added Information | 10             |

**5. SUBMITTAL REQUIREMENTS:**

- Interested firms shall include the following information in their submittal responses to this solicitation. The following format and sequence should be followed in order to provide consistency in the firm's responses and to ensure each proposal receives full consideration. Use 8 ½ x 11 sheet pages only with minimum font size of 10 points and with tabs or section dividers to separate sections as defined below.

More than one section is permitted on one page unless otherwise indicated below. Undesignated information shall be inserted at the rear of each package. Place page numbers at the bottom of every page, excluding dividers. Proposal documents should not contain links to other web pages; such links will not be reviewed for evaluation purposes.

2. **PLEASE INCLUDE PAGE TABS/ SECTION DIVIDERS** so that those evaluating your submittal can easily compare each section with others that are submitted. If any of the information provided by the Proposer is found to be substantially unreliable, in the sole opinion of the Evaluation Committee and Purchasing & Contracts Manager, their proposal may be rejected.
3. Proposers shall submit one (1) original hard copy (clearly marked as such) and an electronic version on a USB flash drive set(s) containing the proposal submittal in an unlocked PDF format. The City may request specific files be submitted in specialty format (i.e., provide Price Forms or Project Timeline in Excel format.) Vendor shall accommodate such specialty requests as stated within the submittal requirements described herein. Should files not be provided in the format or quantity as requested, Vendor may be deemed Non-Responsive and therefore ineligible for award. In case of any discrepancies, the original will be considered by the City in evaluating the Proposal, and the electronic version is provided for the City's administrative convenience only. Limit the color and number of images to avoid unmanageable file sizes.

Qualified vendors interested in providing Wastewater Treatment Plant - Hauling and Disposal of Biosolids Services described in this request are invited to submit a proposal. Submittals shall address the evaluation criteria. Please use the below TAB format for your proposal. Proposals should be concise and clear.

#### **Tab 1 - Cover Letter and Forms**

- Maximum two pages outlining why the City should select your firm/team. Identify who will be the point of contact including their email address. Identify the who will be the point of contact including their email address. Identify the Project Manager and in which office they are located.
- Items for Baseline Eligibility - Include Mandatory Form information from the Submission Check List page including any applicable licenses / certifications.
- Questionnaire - This questionnaire must be filled out and returned as part of the bid submittal. Failure to do so may result in disqualification of your bid. The Questionnaire should be included under Tab 1.

**NOTE: There is a 30 printed (single sided) page maximum for the information below.**

#### **Tab 2 - Qualifications**



Provide a statement indicating the contractor's interest in, knowledge of, and resources necessary to provide the services described in this RFP. Indicate familiarity with and knowledge of the City of Naples Wastewater Treatment Plant's requirements to remove and dispose of wastewater biosolids. The contractor must have experience providing mobile dewatering, transport and disposal of biosolids for their proposal to be considered responsible. Detail practical experience, including relevant dates, in all aspects of hauling and disposal of biosolids. Include the history of the firm, brief resumes of dedicated staff members, Contractor's license #s, and a list of all current clients and contacts for which the proposer has provided similar services. Additionally, provide the firms current insurance certificates indicating the minimum coverages specified herein.

The contractor shall be regularly engaged in the business of hauling and transport services that are comparable to work described in this RFP and shall be an entity authorized to do business in the State of Florida.

The bidder shall provide three (3) verifiable governmental references where mobile dewatering and/or disposal of biosolids have been provided within the last ten (10) years. Each reference shall include the contract description, contract duration, project manager, and volume of material managed and hauled – including any disposal sites provided by the contractor.

One reference is required for each criterion unless reference can be applied to multiple criteria. Failure to provide references that verify all required experience will cause the contractor to be deemed non-responsive. To be deemed responsive, references must demonstrate that the contractor has provided the following experience:

- a. Dewatering service using a mobile mounted centrifuge or hauling of liquid biosolids
- b. Transportation of non-liquid biosolids.
- c. Proper disposal of biosolids from a public owned wastewater treatment facility at sites or facilities approved by Florida Department of Environmental Protection (FDEP).

Describe the availability of equipment, labor, time to mobilize, and list of subcontractors that may be associated with this RFP's requested services. Proposals shall illustrate the contractor's ability to provide the necessary equipment to fulfill the services outlined herein and provide a level of reliability for executing such services.

Include an organizational chart outlining operational structure, segregating the proposer's staff and resources from that of anticipated sub-contractors.

### **Tab 3 - Compensation Schedule**

Utilize the Compensation Schedule provided within this document to provide the contractor's unit pricing. The proposed fees shall include all overhead and expenses to complete all services listed within this RFP.

The **BASE** Bid is intended to provide unit costs for the contractor to remove, haul/transport, and dispose wastewater bio-solids (sludge) from the City of Naples Wastewater Treatment Plant located at 1400 3rd Avenue North, Naples, Florida 34102 to a disposal location provided by the contractor.

The ALTERNATE Bid is intended to provide unit costs for the contractor to remove and haul/transport wastewater bio-solids (sludge) from the City of Naples Wastewater Treatment Plant located at 1400 3rd Avenue North, Naples, Florida 34102 to the Lee County Solid Waste Landfill facility located at 5500 Church Road, Felda, FL 33930 (phone: 239-533-8000). Currently, the City contracts a hauler to transport all biosolids to the Lee County processing facility. The City was notified by Lee County that they will no longer accept the City's biosolids after September 30, 2020. Should arrangements be made with Lee County to where the City will continue to dispose of biosolids at the Lee County facility, this alternate bid pricing will provide the necessary pricing mechanism that would be required to continue this operation.

All pricing provided within the BASE bid and ALTERNATE bid shall be inclusive of the cost of the contractor to provide the City with 40 cubic yard liquid tight trailers and a trailer transport vehicle (jockey truck) that is fully D.O.T. compliant, power steering, clean, and well maintained as indicated in Section D "TRAILERS AND EQUIPMENT" of the Specifications.

The City reserves the right to negotiate with the successful bidder(s) additional projects or services of an expanded scope on a lump sum basis with successful negotiations being executed in the form of Task Orders and/or Purchase Orders issued by the City's Purchasing Department. The City also reserves the right to negotiate with the successful bidder's additional unit costs that may encompass an expanded scope of these services with successful negotiations being subject to contract amendments.

#### **Tab 4 - Disposal Location**

It is the Contractor's responsibility to understand and adhere to what is outlined and mandated in Chapter 62-640 F.A.C. This includes providing composting disposal site(s) throughout the length of this contract that are permitted by the Florida Department of Environmental Protection (FDEP) and (if applicable) by the Florida County where the disposal site(s) is located. At no time will City of Naples Wastewater sludge be hauled and disposed out of the State of Florida.

The Contractor shall provide the disposal site(s) intended to be used through the duration of this contract.

These composting site(s) shall be properly permitted and specific in location, address, and/or description for tracking and reporting purposes. The City is required to perform specific reporting information to the regulatory agencies. Therefore, the Contractor shall provide the following information for each disposal site:

- Disposal Site Name & Permit Number
- Owner of Disposal Site
- Applier (if applicable)
- Latitude and Longitude Coordinates
- County
- Section/Tract
- Copy of agreement or arrangement with site(s) to accept our biosolids

**Tab 5 - Value Added Information**

Provide any additional information that may assist in the evaluation of the firm and/or the proposal. Optional information may include location of offices, other available business resources, and any other information that would be beneficial to the City in obtaining services to transport and dispose of the City's biosolids.

**P. INCURRING COSTS**

The City of Naples is not liable for any costs incurred by the offeror submitting a proposal in response to this solicitation. The cost to prepare the proposal and travel to project interviews shall be the full responsibility of the proposer.

**Q. FIRM RANKING AND SELECTION**

Based on the results of the evaluation process and selection criteria, the Evaluation Committee will prepare a prioritized ranking of firms. City staff will present an agreement to the top ranked firm for Wastewater Treatment Plant - Hauling and Disposal of Biosolids Services. Should contract negotiations fail with the top ranked firm, the City will enter into discussions with the second ranked firm, and so on, until an acceptable agreement has been reached between the City and the selected firm. The final contract will then be forwarded to the City Council for approval.

# Exhibit C - City's Current Biosolids Analysis Report



*Ft. Myers Lab02  
10090 Bavaria Rd.  
Fort Myers, FL 33913  
TEL: (239) 590-0337 FAX: (239) 590-0536  
Website: www.sanderslabs.net*

February 10, 2020

Janelle McClure  
City of Naples  
1400 3rd Ave. North  
Naples, FL 34102  
TEL:  
FAX:

RE: City of Naples Sludge

Order No.: 2001606

Dear Janelle McClure:

Sanders Laboratories, Inc received 1 sample(s) on 1/15/2020 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of \$50.00. Copies will be provided within 2 weeks of the time of the request. Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.  
Nokomis Certificate # E84380 Fort Myers Certificate # E85457

A statement of estimated uncertainty of results is available upon request.  
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.  
Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

A handwritten signature in blue ink, appearing to read 'Katie'.

Katie Strothman  
Laboratory Director



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10090 Bavaria Rd.  
Fort Myers, FL 33913  
TEL: (239) 590-0337 FAX: (239) 590-0536  
Website: www.sanderslabs.net*

**Definition Only**

WO#: 2001606  
Date: 2/10/2020

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**Definitions:**

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: Too many colonies were present for accurate counting.

# Exhibit C - City's Current Biosolids Analysis Report



Ft. Myers Lab02  
 10090 Bavaria Rd.  
 Fort Myers, FL 33913  
 TEL: (239) 590-0337 FAX: (239) 590-0536  
 Website: www.sanderslabs.net

## Analytical Report

(continuous)

WO#: 2001606

Date Reported: 2/10/2020

**CLIENT:** City of Naples

**Lab Order:** 2001606

**Project:** City of Naples Sludge

**Lab ID:** 2001606-001

**Collection Date:** 1/15/2020 11:11:00 AM

**Client Sample ID:** SLUDGE END PRODUCT

**Matrix:** SOLID

| Analyses                             | Result    | MDL    | Qual | Units           | DF | Date Analyzed        |
|--------------------------------------|-----------|--------|------|-----------------|----|----------------------|
| <b>FECAL COLIFORM</b>                |           |        |      | <b>A9221E</b>   |    | Analyst: <b>TM</b>   |
| Coliform, Fecal                      | 94,000    | 1,340  |      | MPN/gram-dry wt | 1  | 1/16/2020 9:10:00 AM |
| <b>NITROGEN, NITRATE</b>             |           |        |      | <b>E353.2</b>   |    | Analyst: <b>GC</b>   |
| Nitrogen, Nitrate                    | 196,000   | 0.0100 |      | mg/Kg-dry       | 1  | 2/3/2020 12:54:00 PM |
| Nitrogen, Nitrate-Nitrite            | 201,000   | 0.0100 |      | mg/Kg-dry       | 1  | 2/3/2020 12:54:00 PM |
| Nitrogen, Nitrite                    | 5,990     | 0.0100 |      | mg/Kg-dry       | 1  | 2/3/2020 12:54:00 PM |
| <b>TOTAL KJELDAHL NITROGEN</b>       |           |        |      | <b>E351.2</b>   |    | Analyst: <b>GC</b>   |
| Nitrogen, Kjeldahl, Total            | 6,780,000 | 0.400  |      | mg/Kg-dry       | 1  | 2/5/2020 12:25:00 PM |
| <b>TOTAL NITROGEN</b>                |           |        |      | <b>E351.2</b>   |    | Analyst: <b>GC</b>   |
| Nitrogen, Total                      | 6.46      | 0.0100 |      | %               | 1  | 2/5/2020 12:25:00 PM |
| <b>TOTAL PHOSPHOROUS</b>             |           |        |      | <b>E365.4</b>   |    | Analyst: <b>GC</b>   |
| Phosphorus, Total (As P)             | 3.31      | 0.0700 |      | %               | 1  | 2/5/2020 12:25:00 PM |
| <b>PH</b>                            |           |        |      | <b>E9040C</b>   |    | Analyst: <b>EH</b>   |
| pH                                   | 7.14      | 0.0100 | H    | S.U             | 1  | 1/16/2020 4:26:00 PM |
| <b>NOTES:</b><br>Temperature: 23.0 C |           |        |      |                 |    |                      |
| <b>% TOTAL SOLIDS</b>                |           |        |      | <b>A2540G</b>   |    | Analyst: <b>EH</b>   |
| Total Solids                         | 14.9      | 0.0100 |      | %               | 1  | 1/16/2020 4:31:00 PM |

**Qualifiers:**  
 H Holding times for preparation or analysis exceeded  
 PL Permit Limit  
 U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit  
 RL Reporting Detection Limit  
 W Sample container temperature is out of limit as specified at testcode



CHAIN OF CUSTODY RECORD

Project #  
(Lab Use Only)

2001 606

Project Name: Bi-Monthly Sludge Composite

Client: City of Naples Central Lab

Report To: Janelle McClure

Project Location: WRF

Address: 1400 3rd Ave. N.

Bill to:

Customer Type:

Naples, FL 34102

P.O. # 2000073

Kit #:

Phone: 239.213.4729

Preservative: HCL = H, HNO<sub>3</sub> = N, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> = ST

Requested Due Date:

E-mail: jmcclure@naplesgov.com

H<sub>2</sub>SO<sub>4</sub> = S, NaOH = SH, NH<sub>4</sub>Cl = NH

Analysis Requested

| Sampled By (PRINT) |                                  | Sample  |       |      |                  |     | Preservatives |    |    |  |  | Analysis Requested |  |  |  |  |  |  |  |  |  | Sample ID #<br>(Lab Use Only) |  |    |
|--------------------|----------------------------------|---------|-------|------|------------------|-----|---------------|----|----|--|--|--------------------|--|--|--|--|--|--|--|--|--|-------------------------------|--|----|
| Matrix             | Sample Description               | Date    | Time  | Type | H <sub>2</sub> O | Ice | N             | SH | ST | NO <sub>2</sub> , NO <sub>3</sub> , TP, TKN, TN, %TS, %k | As, Cd, Cr, Cu, Hg, Mo, Ni, Pb, Se, Zn | FC MPN             |  |  |  |  |  |  |  |  |  |                               |  |    |
| SL                 | Sludge End Product - 20011304-01 | 1/15/20 | 11:11 | C    | 2                | X   |               |    |    | X  |  |                    |  |  |  |  |  |  |  |  |  |                               |  | 1A |
|                    |                                  |         |       |      |                  | X   |               |    |    |  | X                                      |                    |  |  |  |  |  |  |  |  |  |                               |  | 1B |
|                    |                                  |         |       |      |                  | X   |               |    |    |  |  | X                  |  |  |  |  |  |  |  |  |  |                               |  | 1C |

| Bottle Lot # | Comments | Relinquished By/Affiliation                  | Date    | Time  | Accepted By/Affiliation | Date    | Time  |
|--------------|----------|--|---------|-------|-------------------------|---------|-------|
|              | 85       | Okay to Run As<br>Client Initial: <i>JLM</i> | 1/15/20 | 12:48 | <i>JLM</i>              | 1/15/20 | 12:48 |
|              |          | Samples On Ice<br>Yes No                     |         |       |                         |         |       |



January 22, 2020

Tami Bright  
Sanders Laboratories, Inc.  
1050 Endeavor Court  
Nokomis, FL 34275

RE: Project: 2001606  
Pace Project No.: 35524600

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on January 16, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Sakina Mckenzie".

Sakina Mckenzie  
sakina.mckenzie@pacelabs.com  
(386)672-5668  
Project Manager

Enclosures

cc: Katie Strothman, Sanders  
Katie Strothman, Sanders Laboratories, Inc.



**REPORT OF LABORATORY ANALYSIS**

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CERTIFICATIONS

Project: 2001606
Pace Project No.: 35524600

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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**SAMPLE SUMMARY**

Project: 2001606  
Pace Project No.: 35524600

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| <b>Lab ID</b> | <b>Sample ID</b> | <b>Matrix</b> | <b>Date Collected</b> | <b>Date Received</b> |
|---------------|------------------|---------------|-----------------------|----------------------|
| 35524600001   | 2001606-001      | Solid         | 01/15/20 11:11        | 01/16/20 12:00       |

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**SAMPLE ANALYTE COUNT**

Project: 2001606  
Pace Project No.: 35524600

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| Lab ID      | Sample ID   | Method        | Analysts | Analytes Reported | Laboratory |
|-------------|-------------|---------------|----------|-------------------|------------|
| 35524600001 | 2001606-001 | EPA 6010      | CS2      | 14                | PASI-O     |
|             |             | EPA 7471      | JNK      | 1                 | PASI-O     |
|             |             | ASTM D2974-87 | JM2      | 1                 | PASI-O     |
|             |             | SM 2540G      | MRS      | 1                 | PASI-O     |

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**ANALYTICAL RESULTS**

Project: 2001606  
 Pace Project No.: 35524600

**Sample: 2001606-001**      **Lab ID: 35524600001**      Collected: 01/15/20 11:11      Received: 01/16/20 12:00      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

| Parameters                | Results       | Units  | PQL   | MDL   | DF | Prepared       | Analyzed       | CAS No.   | Qual |
|---------------------------|---------------|--|-------|-------|----|----------------|----------------|-----------|------|
| <b>6010 MET ICP</b>       |               | Analytical Method: EPA 6010 Preparation Method: EPA 3050 |       |       |    |                |                |           |      |
| Arsenic                   | <b>8.9</b>    | mg/kg  | 3.2   | 1.6   | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-38-2 |      |
| Barium                    | <b>200</b>    | mg/kg  | 3.2   | 1.6   | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-39-3 |      |
| Cadmium                   | <b>0.92</b>   | mg/kg  | 0.32  | 0.16  | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-43-9 |      |
| Calcium                   | <b>25800</b>  | mg/kg  | 162   | 80.9  | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-70-2 |      |
| Chromium                  | <b>20.6</b>   | mg/kg  | 1.6   | 0.81  | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-47-3 |      |
| Copper                    | <b>313</b>    | mg/kg  | 1.6   | 0.81  | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-50-8 |      |
| Lead                      | <b>28.0</b>   | mg/kg  | 3.2   | 1.6   | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7439-92-1 |      |
| Magnesium                 | <b>4910</b>   | mg/kg  | 162   | 80.9  | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7439-95-4 |      |
| Molybdenum                | <b>13.2</b>   | mg/kg  | 3.2   | 1.6   | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7439-98-7 |      |
| Nickel                    | <b>14.9</b>   | mg/kg  | 1.6   | 0.81  | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-02-0 |      |
| Potassium                 | <b>0.85</b>   | % (w/w)  | 0.065 | 0.032 | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-09-7 |      |
| Selenium                  | <b>5.1</b>    | mg/kg  | 4.9   | 2.4   | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7782-49-2 |      |
| Silver                    | <b>3.3</b>    | mg/kg  | 1.6   | 0.81  | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-22-4 |      |
| Zinc                      | <b>684</b>    | mg/kg  | 6.5   | 3.2   | 1  | 01/21/20 06:11 | 01/21/20 18:48 | 7440-66-6 |      |
| <b>7471 Mercury</b>       |               | Analytical Method: EPA 7471 Preparation Method: EPA 7471 |       |       |    |                |                |           |      |
| Mercury                   | <b>0.87</b>   | mg/kg  | 0.094 | 0.047 | 1  | 01/20/20 17:03 | 01/22/20 09:36 | 7439-97-6 |      |
| <b>Percent Moisture</b>   |               | Analytical Method: ASTM D2974-87                         |       |       |    |                |                |           |      |
| Percent Moisture          | <b>85.0</b>   | %  | 0.10  | 0.10  | 1  |                | 01/22/20 09:22 |           |      |
| <b>2540G Total Solids</b> |               | Analytical Method: SM 2540G                              |       |       |    |                |                |           |      |
| Total Solids              | <b>147000</b> | mg/kg  | 10.0  | 10.0  | 1  |                | 01/18/20 16:16 |           |      |

**REPORT OF LABORATORY ANALYSIS**

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### QUALIFIERS

Project: 2001606  
Pace Project No.: 35524600

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#### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.  
ND - Not Detected at or above adjusted reporting limit.  
TNTC - Too Numerous To Count  
MDL - Adjusted Method Detection Limit.  
PQL - Practical Quantitation Limit.  
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.  
S - Surrogate  
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.  
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.  
LCS(D) - Laboratory Control Sample (Duplicate)  
MS(D) - Matrix Spike (Duplicate)  
DUP - Sample Duplicate  
RPD - Relative Percent Difference  
NC - Not Calculable.  
SG - Silica Gel - Clean-Up  
U - Indicates the compound was analyzed for, but not detected.  
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.  
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.  
TNI - The NELAC Institute.

#### LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

#### ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 2001606  
Pace Project No.: 35524600

| Lab ID      | Sample ID   | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-------------|-----------------|----------|-------------------|------------------|
| 35524600001 | 2001606-001 | EPA 3050        | 603402   | EPA 6010          | 603491           |
| 35524600001 | 2001606-001 | EPA 7471        | 603287   | EPA 7471          | 603343           |
| 35524600001 | 2001606-001 | ASTM D2974-87   | 603850   |                   |                  |
| 35524600001 | 2001606-001 | SM 2540G        | 602923   |                   |                  |

**REPORT OF LABORATORY ANALYSIS**

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# Exhibit C - City's Current Biosolids Analysis Report

**ADDRESS**  
 Ft. Myers Lab02  
 10090 Bavaria Rd.  
 Fort Myers, FL 33913  
 TEL: (239) 590-0337  
 FAX: (239) 590-0336  
 Website: www.sanderslabs.net

CHAIN OF CUSTODY  
 PAGE: 1 OF 1

**WO#: 35524600**



**35524600**



|  |              |                                 |             |                                  |                       |                      |  |
|--|--------------|---------------------------------|-------------|----------------------------------|-----------------------|----------------------|--|
| SUB CONTRACTOR: <b>Pace</b>                                    |              | COMPANY: <b>Pace Analytical</b> |             | SPECIAL INSTRUCTIONS / COMMENTS: |                       |                      |  |
| ADDRESS: <b>8 East Tower Circle</b>                            |              |                                 |             |                                  |                       |                      |  |
| CITY, STATE, ZIP: <b>Ormond Beach, FL 32174</b>                |              |                                 |             |                                  |                       |                      |  |
| PHONE: <b>(386) 676-4837</b> FAX: <b>(386) 673-4001</b> EMAIL: |              |                                 |             |                                  |                       |                      |  |
| ACCOUNT #:   |              |                                 |             |                                  |                       |                      |  |
| ITEM #   | SAMPLE ID    | CLIENT SAMPLE ID                | BOTTLE TYPE | MATRIX                           | DATE COLLECTED        | NUMBER OF CONTAINERS | COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description. |
| 1  | 2001606-001B | SLUDGE END PRO                  |             | Solid                            | 1/15/2020 11:11:00 AM | 1                    | EPA 503 Metals mg/Kg   |
| See Attached   |              |                                 |             |                                  |                       |                      |  |

|   |                               |            |                                  |                                 |                                 |  |
|---|-------------------------------|------------|----------------------------------|---------------------------------|---------------------------------|--|
| Relinquished By: <i>JMA</i>               | Date: 1/15/20                 | Time: 1700 | Received By: <i>FE</i>           | Date: 1/16/20                   | Time: 1200                      | REPORT TRANSMITTAL DESIRED:<br><input type="checkbox"/> HARD COPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE |
| Relinquished By:                          | Date:                         | Time:      | Received By: <i>AS/pace</i>      | Date: 1/16/20                   | Time: 1200                      |  |
| Relinquished By:                          | Date:                         | Time:      | Received By:                     | Date: 1/15/20                   | Time: 1330                      |  |
| TAT: Standard <input type="checkbox"/>    | RUSH <input type="checkbox"/> |            | Next BD <input type="checkbox"/> | 2nd BD <input type="checkbox"/> | 3rd BD <input type="checkbox"/> | FOR LAB USE ONLY<br>Temp of samples _____ °C   Attempt to Cool? _____<br>Comments: _____   |
| Note: RUSH requests will incur surcharge! |                               |            |                                  |                                 |                                 |  |

# Exhibit C - City's Current Biosolids Analysis Report

|  |  |   |
|--|--|---|
|  | Document Name:<br>Sample Condition Upon Receipt Form | Document Revised:<br>May 30, 2018                 |
|  | Document No.:<br>F-FL-C-007 rev. 13                  | Issuing Authority:<br>Pace Florida Quality Office |

**WO#: 35524600**

(SCUR)

Project # **PM: SMM** Due Date: **01/23/20**  
 Project Manager: **CLIENT: SANLAB**  
 Client:

Date and Initials of person:  
 Examining contents: \_\_\_\_\_  
 Label: \_\_\_\_\_  
 Deliver: \_\_\_\_\_  
 pH: \_\_\_\_\_

Thermometer Used: 7349 Date: 1/16/20 Time: 12/0 Initials: 10-3

State of Origin: \_\_\_\_\_  For WW projects, all containers verified to  $\pm 6^\circ\text{C}$

Cooler #1 Temp. °C 3.4 (Visual) -0.1 (Correction Factor) 0.3 (Actual)  Samples on ice, cooling process has begun  
 Cooler #2 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  Samples on ice, cooling process has begun  
 Cooler #3 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  Samples on ice, cooling process has begun  
 Cooler #4 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  Samples on ice, cooling process has begun  
 Cooler #5 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  Samples on ice, cooling process has begun  
 Cooler #6 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  Samples on ice, cooling process has begun

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other \_\_\_\_\_  
 Shipping Method:  First Overnight  Priority Overnight  Standard Overnight  Ground  International Priority  
 Billing:  Recipient  Sender  Third Party  Credit Card  Unknown

Tracking # \_\_\_\_\_  
 Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  No Ice: Wet Blue Dry None

Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_  
 Samples shorted to lab (If Yes, complete) Shorted Date: \_\_\_\_\_ Shorted Time: \_\_\_\_\_ Qty: \_\_\_\_\_

|   | Yes                      | No                       | N/A                      | Comments:  |
|---|--------------------------|--------------------------|--------------------------|--|
| Chain of Custody Present  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Chain of Custody Filled Out   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Relinquished Signature & Sampler Name COC   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Samples Arrived within Hold Time  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Rush TAT requested on COC   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Sufficient Volume   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Correct Containers Used   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Containers Intact   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Sample Labels match COC (sample IDs & date/time of collection)  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| All containers needing acid/base preservation have been checked.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Preservation Information:<br>Preservative: _____<br>Lot #/Trace #: _____<br>Date: _____ Time: _____<br>Initials: _____ |
| All Containers needing preservation are found to be in compliance with EPA recommendation:<br>Exceptions: VOA, Coliform, TOC, O&G, Carbamates | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Headspace in VOA Vials? (>6mm):   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
| Trip Blank Present:   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |

Client Notification/ Resolution:  
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution (use back for additional comments):  
 \_\_\_\_\_  
 \_\_\_\_\_

Project Manager Review: \_\_\_\_\_ Date: \_\_\_\_\_