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# Southwest Florida Water Management District

**Bartow Service Office**  
170 Century Boulevard  
Bartow, Florida 33830-7700  
(863) 534-1448 or  
1-800-492-7862 (FL only)

**Sarasota Service Office**  
6750 Fruitville Road  
Sarasota, Florida 34240-9711  
(941) 377-3722 or  
1-800-320-3503 (FL only)

**Tampa Service Office**  
7601 Highway 301 North  
Tampa, Florida 33637-6759  
(813) 985-7481 or  
1-800-836-0797 (FL only)

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

TDD only: 1-800-231-6103 (FL only)

On the Internet at [WaterMatters.org](http://WaterMatters.org)

October 05, 2018

ProCivil360  
Kenneth Dale Ravenscraft, P.E.  
12 South Main Street  
Brooksville, FL 34601

Subject: **Request for Additional Information**  
Project Name: Bachschmidt Sand Pit  
Application/Petition No.: 771980  
County: Citrus  
Sec/Twp/Rge: S29/T18S/R18E

Reference: Chapter 62-330, Florida Administrative Code (F.A.C.)  
Section 373.4141 and 120.60, Florida Statutes (F.S.)

Dear Mr Ravenscraft:

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Professional Engineer  
Environmental Resource Permit Bureau  
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Senior Environmental Scientist  
Environmental Resource Permit Bureau  
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Enclosures: Checklist

cc: William Bachschmidt  
Carolyn Pina

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**Environmental Resource Permit Application**  
**Individual**

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**APPLICATION REVIEWER(S):**  
**ENGINEERING:** Mirko Soko  
**ENVIRONMENTAL:** David Sauskojus

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**SITE INFORMATION:**

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#### **CONSTRUCTION SCHEDULE AND TECHNIQUES:**

9. Please provide a plan sheet to include and clearly show the location and details of all applicable erosion, sediment and turbidity control measures, including the location a soil tracking prevention device, to be implemented during construction and any permanent control measures to be implemented in post-development conditions (if applicable). [Rule 62-330.301(1)(e and f), F.A.C.] [Section 11 of the Environmental Resource Permit Applicant's Handbook Volume I (A.H.V.I)]

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**SITE INFORMATION:**

2. Please provide an Existing Conditions Topographic Survey for the project area. [Rule 62-330.060(2), F.A.C.]
3. No site-specific geo-technical information was received with the application. Please provide geotechnical data or previously permitted reports, that would support the values as stated and used in the Drainage Book. Also, please show on the construction plans where the soil borings were done if site-specific data is collected. [Rule 62-330.301(1)(i), F.A.C.]
4. The site appears to discharge to Crystal River (Including Kings Bay Spring Group) (WBID 1341), currently listed as impaired for Nutrients (Algal Mats). Please verify the impairment status of the receiving body, and if impaired, the applicant must implement mitigation measures that will cause net improvement of the water quality in the receiving waters for those parameters which do not meet applicable state water quality standards. Please provide a water quality mitigation plan to address net improvement for the specified parameters. Please provide complete accompanying calculations demonstrating water quality rules will be met. Please be aware that wet detention ponds can typically, at a maximum, provide 40 percent treatment efficiency for nitrogen. As recommended on pre-

application (PA 403154): "Existing land use category for net improvement spreadsheet appears to be 'wet flatwoods', with areas of semi-impervious (shell/dirt area and drive)." [Subsection 2.4.c (2) of the Environmental Resource Permit Applicant's Handbook Volume II (A.H.V.II) [Rule 62-330.301(1)(e and f)]

#### **ENVIRONMENTAL CONSIDERATIONS:**

5. A site visit will be necessary to evaluate the wetland/surface water line at the site, also to evaluate any on-site and/or adjacent wetlands relative to primary and secondary impacts to fish and wildlife habitat. Please contact David Sauskojus at (813) 985-7481, extension 4370, or at [david.sauskojus@watermatters.org](mailto:david.sauskojus@watermatters.org), to arrange a site visit. Be advised that additional questions and clarification in regard to wetland/surface water features, secondary impacts and other environmental considerations may be required following the field visit findings. [Rule 62-330.301(d), F.A.C., and Subsections 10.1.1(a) and 10.2.2.1, AHVI]

#### **PLANS:**

6. Plan sheet 4 states: "Data not from Recent Survey. All Information is from GIS Information." Please provide the date of this data. [Rule 62-330.301(1), F.A.C.]
7. Please add a line type to clearly show the '100-year flood line' on plan sheets 2 and 3, as per the Crystal River Unincorporated Watershed Model, and on other plan sheets as needed. [Rule 62-330.301(1), F.A.C.]
8. Please note that if the elevations shown are in NGVD 1929, it will also be required to include the site-specific conversion factor to NAVD 1988 on the construction plans. [Rule 62-330.060(2), F.A.C. and Section E, Part 2(b) of the ERP application]

#### **CONSTRUCTION SCHEDULE AND TECHNIQUES:**

9. Please provide a plan sheet to include and clearly show the location and details of all applicable erosion, sediment and turbidity control measures, including the location a soil tracking prevention device, to be implemented during construction and any permanent control measures to be implemented in post-development conditions (if applicable). [Rule 62-330.301(1)(e and f), F.A.C.] [Section 11 of the Environmental Resource Permit Applicant's Handbook Volume I (A.H.V.I)]

#### **DRAINAGE INFORMATION:**

10. The project description states: "Reclaimed sand mine, with a total of 5% impervious total. Proposed pond to be a retention pond." Please clearly explain the scope of the project for this application. [Rule 62-330.301(1), F.A.C.]
11. Please provide Existing and Proposed Drainage Conditions Exhibits that include the drainage and impervious areas used in the stormwater evaluation of the proposed project; and include offsite areas as needed. [Rule 62-330.301(1), F.A.C.]
12. Please provide a digital copy of the Existing and Proposed Conditions ICPR Input and Output Results electronic files, only excerpts were provided in the Drainage book, to aide in the review of the proposed systems design. [Rule 62-330.301(1)(e and f), F.A.C.][Subsection 4.1.a.4 of the Environmental Resource Permit Applicant's Handbook Volume I (A.H.V.I)]
13. According to the Crystal River Unincorporated Watershed Model dated May 3, 2011 a portion of the proposed project appears to be next to or within the floodplain; please refer to the model for existing delineated basins and floodplains. Also, please note that no net encroachment into the floodplain, up to the 100-year event, which will adversely affect conveyance, storage, water quality or adjacent lands, will be allowed. Any required compensating storage shall be equivalently provided between the

existing ground level and the 100-year flood level to allow storage function during all lesser events. [Rule 62-330.301(1), F.A.C.] [ERP Basis of Review, Subsection 4.4]

**OPERATION AND MAINTENANCE AND LEGAL DOCUMENTATION:**

14. Please specify the operating and maintenance entity and provide an operation and maintenance plan or instructions for the proposed surface water management system. [Rule 62-330.301(1)(e and f), F.A.C.] [Section 11 of the Environmental Resource Permit Applicant's Handbook Volume I (A.H.V.I.)]

**WATER USE:**

15. Please verify if there are any existing wells located within the project site and if they will be utilized or abandoned. [Sub-section 1.5.4 of the Environmental Resource Permit Applicant's Handbook Volume I (A.H.V.I.)]

The following comment(s), although not required by District rule, is(are) provided for your consideration and information:

16. We acknowledge that this application includes a project area that has Compliance Action CT# 396565 (Complaint/Unauthorized Activity). [Rule 62-330.301(1), F.A.C.]
17. Please do not hesitate to contact the project reviewer for any clarification regarding the content of this letter. A telephone conversation and / or a meeting to discuss the proposed project in detail may help to clarify the issues contained in this letter.