



## B & A Engineers, Inc.

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To: **Garden City Planning**

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Date: 16 November 2019

Subject: **Junk King  
5107 North Alworth Street  
CUPFY2020-02**

Pages: 2

Media: Transmitted via E-mail

On behalf of Garden City, as the city engineer, we have completed our review of the application for the subject project. This application is not entirely clear, but appears to use an existing building and the site with no noted apparent grounds modifications.

Any approval of the project should be conditioned upon successfully addressing items presented in this review.

### ***Environmental Review***

Operations on the site may require review by the city environmental staff.

### ***Erosion and Sediment Control***

Prior to performing any grading on the site, if any, the applicant must prepare and have approved by the city an erosion and sediment control plan.

### ***Ada County Highway District Approval***

Approval of the project by the Ada County Highway District may be required.

### ***Fire District Approval***

Approval of the project by the North Ada County Fire and Rescue District may be required. Should fire flow requirements exceed those available, any modifications to the building, its use, off-site city water lines or other efforts may be necessary to obtain approval of plans.

### ***Water and Sewer Connections***

Any new water and sewer services, if any, will have to be reviewed and approved by the city's Public Works Department.

The applicant is responsible to verify that adequate water system supply is available to provide domestic and fire suppression water needs.

### ***FEMA Preliminary Maps***

FEMA has recently issued preliminary maps for Garden City. These maps do not reflect the latest flood study for the Boise River. Significant changes are in the future for much of Garden City based upon available work maps. The site has existing buildings on the site. Please note that the FEMA preliminary maps do not reflect the probable final disposition of the floodplain area as the city is expected to be placed in an interim seclusion overlay. A completed flood risk acknowledgement form should be required.

### ***Site Grading and Drainage Plan***

A site grading and drainage plan may be required to be reviewed and approved by the city if any exterior grounds/building modifications are proposed. From the information provided with the application, we suspect that the plan will not be needed. Should 1,000 square feet or more of existing ground surface be altered, a grading and drainage plan may be required. Should any site grading alter existing drainage patterns on the site, a site grading and drainage plan may be required.

If a site grading and drainage plan is necessary, a storm water design report and a drainage system operation and maintenance manual for handling of storm water prepared by an Idaho licensed design professional will be required. Compliance with the storm water ordinance and policies of the city will be required. Drainage must be maintained on-site.

If a site grading and drainage plan is necessary, a site geotechnical report will be required for the design of the on-site storm water system. Said report would identify the depth to seasonal high groundwater, provide a profile of encountered soils and their infiltration rates. The report would also provide a design infiltration rate recommendation for the storm water system. The storm water design must provide for at least three feet of vertical separation between the bottom of the storm water facility and the seasonal high groundwater.

### ***Storm Water Operation and Management Agreement***

If a site grading and drainage plan is necessary, the landowner must enter into an agreement with the city that will be recorded addressing mandatory maintenance of the site's storm water system. The agreement must be fully executed, have conditionally approved plans attached and be recorded by the city with final plan approval.

### ***Irrigation Facilities***

Relocation or changes of any existing irrigation facilities, if any, will require the approval of the entity in control of the facility.

### ***Affidavit of Legal Interest***

We note the affidavit is noted as Stixx LLC and has been signed by George Gebran. He has not noted his signature as signing as a manager of Stixx LLC.

We have no other comments regarding this request at this time.



November 21, 2019

City of Garden City - Development Services  
6015 N. Glenwood  
Garden City, Idaho 83714

RE: Junk King Boise, LLC., CUPFY2020-02

Thank you for the opportunity to respond to your request for comment. While DEQ does not review projects on a project-specific basis, we attempt to provide the best review of the information provided. DEQ encourages agencies to review and utilize the Idaho Environmental Guide to assist in addressing project-specific conditions that may apply. This guide can be found at: [deq.idaho.gov/assistance-resources/environmental-guide-for-local-govts](http://deq.idaho.gov/assistance-resources/environmental-guide-for-local-govts).

The following information does not cover every aspect of this project; however, we have the following general comments to use as appropriate:

### **1. Air Quality**

- Please review IDAPA 58.01.01 for all rules on Air Quality, especially those regarding fugitive dust (58.01.01.651), trade waste burning (58.01.01.600-617), and odor control plans (58.01.01.776).

For questions, contact David Luft, Air Quality Manager, at (208) 373-0550.

- IDAPA 58.01.01.201 requires an owner or operator of a facility to obtain an air quality permit to construct prior to the commencement of construction or modification of any facility that will be a source of air pollution in quantities above established levels. DEQ asks that cities and counties require a proposed facility to contact DEQ for an applicability determination on their proposal to ensure they remain in compliance with the rules.

For questions, contact the DEQ Air Quality Permitting Hotline at 1-877-573-7648.

### **2. Wastewater and Recycled Water**

- DEQ recommends verifying that there is adequate sewer to serve this project prior to approval. Please contact the sewer provider for a capacity statement, declining balance report, and willingness to serve this project.
- IDAPA 58.01.16 and IDAPA 58.01.17 are the sections of Idaho rules regarding wastewater and recycled water. Please review these rules to determine whether this or future projects will require DEQ approval. IDAPA 58.01.03 is the section of Idaho rules regarding subsurface disposal of wastewater. Please review this rule to determine whether this or future projects will

require permitting by the district health department.

All projects for construction or modification of wastewater systems require preconstruction approval. Recycled water projects and subsurface disposal projects require separate permits as well.

- DEQ recommends that projects be served by existing approved wastewater collection systems or a centralized community wastewater system whenever possible. Please contact DEQ to discuss potential for development of a community treatment system along with best management practices for communities to protect ground water.
- DEQ recommends that cities and counties develop and use a comprehensive land use management plan, which includes the impacts of present and future wastewater management in this area. Please schedule a meeting with DEQ for further discussion and recommendations for plan development and implementation.

For questions, contact Valerie Greear, Engineering Manager, at (208) 373-0550.

### **3. Drinking Water**

- DEQ recommends verifying that there is adequate water to serve this project prior to approval. Please contact the water provider for a capacity statement, declining balance report, and willingness to serve this project.
- IDAPA 58.01.08 is the section of Idaho rules regarding public drinking water systems. Please review these rules to determine whether this or future projects will require DEQ approval.

All projects for construction or modification of public drinking water systems require preconstruction approval.

- DEQ recommends verifying if the current and/or proposed drinking water system is a regulated public drinking water system (refer to the DEQ website at: [deq.idaho.gov/water-quality/drinking-water.aspx](http://deq.idaho.gov/water-quality/drinking-water.aspx)). For non-regulated systems, DEQ recommends annual testing for total coliform bacteria, nitrate, and nitrite.
- If any private wells will be included in this project, we recommend that they be tested for total coliform bacteria, nitrate, and nitrite prior to use and retested annually thereafter.
- DEQ recommends using an existing drinking water system whenever possible or construction of a new community drinking water system. Please contact DEQ to discuss this project and to explore options to both best serve the future residents of this development and provide for protection of ground water resources.
- DEQ recommends cities and counties develop and use a comprehensive land use management plan which addresses the present and future needs of this area for adequate, safe, and sustainable drinking water. Please schedule a meeting with DEQ for further discussion and recommendations for plan development and implementation.

For questions, contact Valerie Greear, Engineering Manager, at (208) 373-0550.

#### **4. Surface Water**

- A DEQ short-term activity exemption (STAE) from this office is required if the project will involve de-watering of ground water during excavation and discharge back into surface water, including a description of the water treatment from this process to prevent excessive sediment and turbidity from entering surface water.
- Please contact DEQ to determine whether this project will require a National Pollution Discharge Elimination System (NPDES) Permit. If this project disturbs more than one acre, a stormwater permit from EPA may be required.
- If this project is near a source of surface water, DEQ requests that projects incorporate construction best management practices (BMPs) to assist in the protection of Idaho's water resources. Additionally, please contact DEQ to identify BMP alternatives and to determine whether this project is in an area with Total Maximum Daily Load stormwater permit conditions.
- The Idaho Stream Channel Protection Act requires a permit for most stream channel alterations. Please contact the Idaho Department of Water Resources (IDWR), Western Regional Office, at 2735 Airport Way, Boise, or call (208) 334-2190 for more information. Information is also available on the IDWR website at:  
<http://www.idwr.idaho.gov/WaterManagement/StreamsDams/Streams/AlterationPermit/AlterationPermit.htm>
- The Federal Clean Water Act requires a permit for filling or dredging in waters of the United States. Please contact the US Army Corps of Engineers, Boise Field Office, at 10095 Emerald Street, Boise, or call 208-345-2155 for more information regarding permits.

For questions, contact Lance Holloway, Surface Water Manager, at (208) 373-0550.

#### **5. Hazardous Waste And Ground Water Contamination**

- **Hazardous Waste.** The types and number of requirements that must be complied with under the federal Resource Conservation and Recovery Act (RCRA) and the Idaho Rules and Standards for Hazardous Waste (IDAPA 58.01.05) are based on the quantity and type of waste generated. Every business in Idaho is required to track the volume of waste generated, determine whether each type of waste is hazardous, and ensure that all wastes are properly disposed of according to federal, state, and local requirements.
- No trash or other solid waste shall be buried, burned, or otherwise disposed of at the project site. These disposal methods are regulated by various state regulations including Idaho's Solid Waste Management Regulations and Standards, Rules and Regulations for Hazardous Waste, and Rules and Regulations for the Prevention of Air Pollution.
- **Water Quality Standards.** Site activities must comply with the Idaho Water Quality Standards (IDAPA 58.01.02) regarding hazardous and deleterious-materials storage, disposal, or accumulation adjacent to or in the immediate vicinity of state waters (IDAPA 58.01.02.800); and the cleanup and reporting of oil-filled electrical equipment (IDAPA 58.01.02.849);

hazardous materials (IDAPA 58.01.02.850); and used-oil and petroleum releases (IDAPA 58.01.02.851 and 852).

Petroleum releases must be reported to DEQ in accordance with IDAPA 58.01.02.851.01 and 04. Hazardous material releases to state waters, or to land such that there is likelihood that it will enter state waters, must be reported to DEQ in accordance with IDAPA 58.01.02.850.

- **Ground Water Contamination.** DEQ requests that this project comply with Idaho's Ground Water Quality Rules (IDAPA 58.01.11), which states that "No person shall cause or allow the release, spilling, leaking, emission, discharge, escape, leaching, or disposal of a contaminant into the environment in a manner that causes a ground water quality standard to be exceeded, injures a beneficial use of ground water, or is not in accordance with a permit, consent order or applicable best management practice, best available method or best practical method."

For questions, contact Albert Crawshaw, Waste & Remediation Manager, at (208) 373-0550.

#### **6. Additional Notes**

- If an underground storage tank (UST) or an aboveground storage tank (AST) is identified at the site, the site should be evaluated to determine whether the UST is regulated by DEQ. EPA regulates ASTs. UST and AST sites should be assessed to determine whether there is potential soil and ground water contamination. Please call DEQ at (208) 373-0550, or visit the DEQ website [deq.idaho.gov/waste-mgmt-remediation/storage-tanks.aspx](http://deq.idaho.gov/waste-mgmt-remediation/storage-tanks.aspx) for assistance.
- If applicable to this project, DEQ recommends that BMPs be implemented for any of the following conditions: wash water from cleaning vehicles, fertilizers and pesticides, animal facilities, composted waste, and ponds. Please contact DEQ for more information on any of these conditions.

We look forward to working with you in a proactive manner to address potential environmental impacts that may be within our regulatory authority. If you have any questions, please contact me, or any of our technical staff at (208) 373-0550.

Sincerely,



Aaron Scheff  
Regional Administrator  
Boise Regional Office

ec: CM#2019AEK221