

Message

From: Dennis Kanuk [dennis@mcadvise.com]
Sent: 5/30/2019 11:29:11 AM
To: Addie Farrell [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cc6bb601520a4f9690ae254948d782f5-Addie Farre]
CC: Christina Erwin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4dddbff2e8414460abdcaefc2d500dd-Christina E]; IBECproject [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88ae86133cd043eca129d9fee992fd20-0AA - IBECp]
Subject: Re: Utilities Questions
Attachments: Tables 2 revised for MGD.pdf

Hi, Addie,

I have responses to the inquiries from D&D Engineering, below in blue text.

Let me know if you need more information, especially on the last bullet. I did some checking on that and I think it is related to compliance with the LA County LID manual.

Thanks,
Dennis

Dennis Kanuk
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From: Addie Farrell <AFarrell@esassoc.com>
Date: Wednesday, May 22, 2019 at 11:23 AM
To: Dennis Kanuk <dennis@mcadvise.com>
Cc: Christina Erwin <CErwin@esassoc.com>, IBECproject <IBECproject@esassoc.com>
Subject: Utilities Questions

Dennis,

We have the following questions for you on the Sewer and LID reports you provided. Can you please answer ASAP? I'm available by phone if you want to discuss.

Sewer Study:

- Sewer Study's Table 2 – For the Pipe Capacity column, please confirm this is total pipe capacity (not residual capacity)
 - Yes, this is pipe capacity not residual capacity. Residual capacity would be pipe capacity minus contributing flow (next column to pipe capacity).

- Sewer Study's Table 2 shows the Pipe Capacity column listed as CFS, but the text throughout refers to capacities as MGD. Please add pipe capacity in MGD to Table 2 to make it consistent with text
 - D&D added a new column in Table 2 with MGD values, see attached.

- The updated report now includes a section describing the reasonably foreseeable relevant projects in the area, including the Stadium at Hollywood Park project. Please confirm the study takes into account changes to the system that would occur from development of the Hollywood Park project, if any (would the Hollywood Park project include sewer line upgrades that are taken into account?)
 - Hollywood Park sewer line extension along Hardy and Arbor Vitae already constructed and taken into account for our report. No more upgrade anticipated or planned at this time per D&D knowledge and research.
- The existing 8-inch sewer line in 103rd street would be upsized to a 12-inch line and would extend to the project site, and with a new capacity of what?
 - 0.83 cfs or 0.54 MGD

LID Report:

- We received future runoff conditions/BMP sufficiency, please provide the existing runoff conditions
 - We have to be careful not mixing and matching hydrologic/flood flow pre- and post-development and comparison with water quality measures that address 85% rainfall events. Should not look to LID report for that kind of comparison. The undeveloped runoff coefficient is provided in the peak flow hydrologic analysis tables; information about the existing runoff conditions is in the D&D Hydrology Report.
- What is the regulation that is requiring stormwater discharge to mimic pre-developed conditions?
 - Low Impact Development (LID). LID is a decentralized approach to stormwater management that works to mimic the natural hydrology of the site by retaining precipitation on-site to the maximum extent practicable. Stormwater quality control measures that incorporate LID principles are placed throughout the site in small, discrete units and distributed near the source of impacts. LID strategies are designed to protect surface and groundwater quality, maintain the integrity of ecosystems, and preserve the physical integrity of receiving waters by managing stormwater runoff at or close to the source.

Addie Farrell
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