

Port Richey Watershed - Action Items

Note that the item numbers noted for each area (i.e. Holiday Hills / Gainsboro Pump Station, Magnolia Valley, Suncoast Mobile Home Park / Ridge Road) correlate to dots that can be found on the maps (click on the links for each station to view the respect

Region	Map Item Number	Inquiry Date	Noted Issue	Follow-up
Magnolia Valley	1	3/16/2016	1) Cherrytree Lane – Flooding problem area noted at the end of street.	The BMP analysis by a County Consultant identified this problem area and has proposed replacing the 18" pipe with 2-36" pipes.
	1	3/16/2016	2) Residents feel that the County has some responsibility to alleviate flooding within Magnolia Valley because additional development keeps getting approved which contributes to the water levels getting higher within Magnolia Valley.	New developments are required to submit plans and documentation to demonstrate no adverse impact to adjacent properties
	1		3) Funding should be in place to address the flooding issues before building is permitted at higher elevations.	Florida is a property rights State. Development can occur if it creates no adverse impact.
	1	3/16/2016	4) Residents feel that the County is not listening to their concerns.	This task force was established by the County to work with the residents to listen and respond to their concerns.
Magnolia Valley	2	3/16/2016	South side of Raintree Dr. –The tank can be used as a place to store excess stormwater which can later be sold for irrigation water or discharged after the storm event.	This tank was used as part of the former water supply system and is too small to provide significant storage for flood protection. Its value and future use will be analyzed with other assets associated with the purchase of the Golf Course Properties.
Magnolia Valley	3	3/16/2016	The two 36" pipes under Sequoia Drive which lead to the lake on the east side are in need of repair. The road is collapsing and the pipes are blocked. There are pipes that go to the drainage ditch at the end of Raintree Lane. These pipes may be too small and there are no pipes connecting the drains.	There are 18" and 24" pipes under Sequoia. The County's consultant identified this problem area and has proposed replacing the 18" pipe with 2-36" pipes. Another existing 15" pipe under Sequoia is proposed to be replaced with a larger 24" pipe. This will be followed by replacing another 18" with a 24" that is in series with another 18" pipe which will also be upgraded to a 24" pipe that outfalls into the existing ditch. The 3 pipes are in series (Sequoia to Live Oak to Raintree then to the ditch. Upon further review, the existing 24-inch pipe that conveys flows from the Autumn Lane area that connects to the ditch north of the Sequoia and Raintree intersection, is not owned nor maintained by the County. Videoring that pipe was therefore not done.
Magnolia Valley	4	3/16/2016	Residents would like to see proactive phased pumping and pumping before storm events to lower the ground water levels.	Electric pump was rebuilt and is in operation to maintain the permitted low water elevation before storm events. The Purchase Order to rebuild the Diesel Pump has been approved by the BCC, and the contractor is already making plans for its refurbishment. Please note that pre-emptive pumping is already being implemented by the County, following the District-approved operating levels of the pump. Pumping starts at elevation 2.75 NAVD88 and stops at elevation 2.65 NAVD88. The refurbished Diesel pump will provide additional flow capacity of 20,000 gallons per minute during the storm event
Magnolia Valley	4a	3/16/2016	Grand Valley – Retention ponds are overflowing across Sequoia Drive.	The County's consultant identified this problem area and has proposed replacing the 18-inch pipe at Sequoia with (2) 36-inch pipes and redirecting the flow from the Grand Valley Mobile Home Park to different outfall to the South and west. This is part of the overall conceptual design to abate the flooding in the Magnolia Valley community
Magnolia Valley	5	3/16/2016	There is an abandoned home located at 7532 Sequoia Dr. that had water flowing into the home east across Osteen Road.	This home has been added to the County's potential purchase list for flood damaged homes.
Magnolia Valley	6	3/16/2016	No drainage pipes along Osteen Road. No curbs to stop the stormwater runoff.	Osteen Road is a rural roadway section with limited stormwater infrastructure, along the first few hundred feet. There is road flooding acknowledged in those areas. Beyond this, there are swale and pipes along the west and east sides of the road. The pipes may not be adequate and so roadway flooding is also evident at these other locations. The consultant's BMP analysis currently includes some piping improvements to reduce the flooding along this road. The analysis will consider improved piping in other areas not presently addressed in the analysis, that will reduce flooding of the road.

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Magnolia Valley	7	3/16/2016	1) Osteen Road – New construction, including new Fire Department, is at an elevation six feet above Magnolia Valley. At Massachusetts Avenue, west of Osteen Road, new development was permitted at a higher elevation.	New development is required to meet certain site development and design criteria which requires fill and stormwater infrastructure, to insure separation from the groundwater and placement above the flood elevation for buildings and pavement. The stormwater storage areas provide fill for the site and storage for water quality and to detain runoff to the existing condition flow rate as per SWFWMD permit criteria. 1' commercial building must be one foot above the flood elevation and critical facilities (fire station) 2' above.
	7		2)The County is taking no action to prevent new development that results in higher water levels in Magnolia Valley.	The County makes sure the proper permits are obtained before construction begins on a site.
Magnolia Valley	8	3/16/2016	The County is currently looking at purchasing the old golf course property. Permits will be required for any projects or pumping modifications. Right now the County will pump in emergency operations as the pumps are still privately owned.	The County purchased the Golf Course Properties on 9/14/2016. The electric pump was rebuilt and pumping has been done by the County since May 11, 2016. Refurbishment of the diesel pump has also been approved by the BCC and the contractor is in the process of starting that effort.
Magnolia Valley	9	3/16/2016	During the October dye test, it appeared that stormwater was coming from the Pasco County Government Center onto Red Mill Circle.	Staff has made many efforts to verify the test, to no avail. The dye test can not be verified.
Magnolia Valley	10	3/16/2016	1) Valley Court – A resident noted that there was water all around their home and that the water was not draining which is different than the conditions they had previously seen. Residents need the pumps operating to lower the groundwater tables.	When the pumps are fully operating, the water levels in this area will be lower. The Public Works Stormwater Operations Division has now replaced the culverts under Valley Court. The overall conceptual plan for Magnolia Valley also includes up-sizing (or removing) the culverts under the golf cart path that is immediately downstream of the Valley Court pipes. Right now, there is one 48-inch pipe under the cart path and three 48-inch pipes under Valley Court. The combination of these improvements will move the water more quickly into the golf course for pumping. The conceptual plan to create storage in the golf course along with upgraded collection systems will lower the water levels in the Magnolia Valley community.
	10	3/16/2016	2) Rowan Rd and Massachusetts Avenue are creating a dam that keeps water in Magnolia Valley.	Our research shows that historically, the lower part of the Magnolia Valley area immediately east of the pump was dammed up to dewater the wetlands behind the pumps for agricultural purposes, way back in the 1960s. Rowan Road was built along the old divide at this "dam", and storm runoff continues to be pumped under Rowan Road. On the other hand, a portion of Massachusetts Avenue was designed to discharge into the golf course, from which the water was historically pumped to the west. The overall drainage area that contributes runoff to the pumps is large (approximately 1090 acres).
	10	3/16/2016	3) If others are contributing to the flooding then everyone should get assessed to pay for the required projects.	The assessments for the MSBU were based on the area that contributes to the outfall at the Pumping Facility. The County is currently pursuing cooperative funding from the SWFWMD as well as from the state and other funding agencies to help pay for drainage improvements in many areas of Pasco County, including this Port Richey watershed.
Magnolia Valley	11	3/16/2016	RJ Kielty Plumbing site at Osteen Road and Massachusetts Avenue – Are retention ponds being built at this site and is the county looking at potential stormwater impacts? What are they doing for drainage? A resident noted that they saw some filling with sand at that location.	The site has been permitted by SWFWMD (ERP Permit: 26393.001). The site has storage areas for stormwater detention and floodplain compensation.
Magnolia Valley	12	3/16/2016	Retention pond between Betula Drive and Massachusetts Avenue, where the houses were removed – Why is the pond always dry but the street floods?	This pond was designed to handle the runoff from a portion of Massachusetts Avenue stormwater and was permitted by the Southwest Florida Water Management District. The pond is not for Betula Drive runoff. County staff has now replaced the pipe for Hollyridge and Betula, which will abate the flooding in the streets.
Magnolia Valley	13	3/16/2016	Activity north of Massachusetts / West of Little Road - What is going on at that location?	Activity was confirmed to be the harvesting of pine trees.

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Magnolia Valley	14	3/16/2016	Cayuga Drive/Summertree Lane – This area has flooding issues and larger pipes may be needed.	The County's consultant identified this problem area in the BMP analysis, and has proposed replacing the existing 18-inch and 24-inch pipes with 36-inch pipes. This will improve drainage in these areas of Magnolia Valley, when implemented.
Magnolia Valley	15	3/16/2016	West of Sequoia/North of Raintree Dr. - Water is constantly flowing in the open drainage ditch. There may be inadequate inlets and it was noted that pipes do not connect in this area.	The BMP analysis by the County's consultant identified this problem area and has proposed replacing the existing 15-inch and 18-inch pipes with 24-inch pipes. The pipes do connect to the inlets.
	15		Residents noted that the County cleaned the ditches twice but now state it is the home owner's responsibility. If stormwater is coming in from surrounding areas constructed at higher elevations, why not just block those flows from coming in?	There is no recent history of the County maintaining this ditch. It is owned by the Magnolia Valley Civic Association, who is responsible for its maintenance. The ditch can not be blocked. Riparian law states that a riparian owner may not act to deny riparian rights to the owner of upstream or downstream properties along the waterway, meaning the water may not be dammed and channeled away from its natural course. Florida laws are in place that require a permit to make changes to a alter natural drainage ditch.
Magnolia Valley	16	3/16/2016	Sequoia Drive - Has inlets without pipes. County should look at creating storage to control flows.	Inlets along Sequoia were checked by County staff. None were found to have no pipe.
Magnolia Valley	17	3/16/2016	Grand Valley retention ponds – Check size and capacity. Stormwater flows across Osteen Road from those ponds.	The Grand Valley Mobile Home Park was permitted by the Southwest Florida Water Management District on November 21, 1986, based on their rules in existence at that time. Osteen Road is known to lack appropriate drainage (swale/pipe) for the first several hundred feet from Massachusetts Avenue. The northerly areas of Osteen Road has some swales and pipes. Existing pipes on the west side of Osteen Road do not appear to be adequate. The County's consultant has proposed ways to minimize flooding on Osteen Road, as part of the overall BMP analysis.
Magnolia Valley	18	3/16/2016	East side of Osteen Road – There is no stormwater retention at the County Center Storage Facility. Could this area be used to create additional stormwater retention?	There is a shallow dry bottom retention basin that serves that area. It has a discharge structure that can be seen from the driveway entrance. That retention basin was permitted by SWFWMD in 1993.
Magnolia Valley	19	3/16/2016	Osteen Road – The collection system is just a series of shallow ditches.	The first few hundred feet of Osteen Road have no defined swales/pipes, and staff has confirmed road overtopping in those locations. The remainder of the road is a typical rural section roadway with swales, side culverts and cross culverts. The adequacy of these swales and pipes will be part of the BMP analysis update the consultant will look into.
Magnolia Valley	20	3/16/2016	South of Yucca Drive - There are shallow grassy ponds which may be part of a wetland mitigation area. Can additional storage be created at that location?	The referenced area is a Water Management District required wetland mitigation area, that was permitted for only that function. The consultant's conceptual design for Magnolia Valley does reflect that area was considered in the assessment of the amount of runoff that enters Magnolia Valley. The area has added storage to the stormwater system.
Magnolia Valley	21	3/16/2016	Park site within Magnolia Valley – Can this be converted to storage?	The consultant's analysis currently includes this area. Future analysis could evaluate additional storage at this park site.
Magnolia Valley	22	3/16/2016	Valley Court, north of Duck Lane – The ditch behind the home is full of water with water up to the palm trees. There has been no rain so where is the water coming from?	This area is impacted by the groundwater seepage. If the pumps are not working the water level in the ditch will reflect the groundwater surface. Furthermore, the lots in that area abut a wetland system.
Magnolia Valley	23	3/16/2016	Southside of 7730 Cherrytree Lane – There are downed trees in the stormwater ditch and right-of-way. Also the Cypress trees are dying in this area.	There are trees dying in this area. Wetter conditions have impacted the oak trees.
Magnolia Valley	24	3/16/2016	7632 Duck Lane – There is erosion on back of the property lot line where water is flowing past.	This subdivision within Magnolia Valley was permitted by the SWFWMD, and they have regulatory jurisdiction over this portion of Magnolia Valley. The District is pursuing regulatory compliance for this area.