

Port Richey Watershed - Action Items

Note that the map item numbers noted for each map (i.e. Holiday Hills / Gainsboro Pump Station, Magnolia Valley, Suncoast Mobile Home Park / Ridge Road) correlate to numbered dots on the map which provides the specific location for that item. Click on the link for each map to view the numbered dot for that item.

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Holiday Hills / Gainsboro Pump Station	1.1	3/16/2016	Gainsboro Dr. – The pump kept failing as intake was non-functional. Flooding was noted in this area. Area along curb line is clogged with grass that was overgrown and the outfall canal was clogged with lots of dumped mattress.	County is addressing the flooding issues for the area. A house on Pegasus Ave. was donated to the County by the bank and the home was demolished to create available space for construction of storm water improvements. The spill way into the existing retention pond has been fixed. Grass, that was overgrown, had been cleared out along with all mattresses. The County would like to add a skimmer to the pump suction to eliminate debris from entering the pump intake and also add another pump on Pegasus Ave. that will take the water to the northern canal which discharges to the Gulf of Mexico. A hard pipe installation for temporary pumping will be installed to the northern canal to facilitate quick response for emergency pumping conditions.
Holiday Hills / Gainsboro Pump Station	1.2	3/16/2016	Resident on corner of Hyperion and Pegasus would like to see a seawall built around her property or the retention pond. Resident is willing to sell her property to the County with the right offer. She filled out an application for County purchase but there was no response from the County except that there was no funding currently available. The resident is willing to consider relocating to a newly constructed homes in New Port Richey by Missouri or Illinois. Community Development office will follow-up with this resident.	The County has a contract agreement to acquire the property. The matter will be presented to the Board of County Commissioners on October 11, 2016. The resident has been relocated.
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.
Magnolia Valley	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
Magnolia Valley	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.
Magnolia Valley	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 the 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. It's 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 and to connect the pond to the North, East of the homes on Sequoia with 2-36" pipes instead of the exiting 24" pipe. There is also a 24" pipe that conveys flow from the Autumn Lane Area that connects to the ditch North of the Sequoia and Raintree intersection. This pipe is scheduled to be videoed when the water levels allow.
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 operation to maintain the permitted low water elevation before storm events. The PO to rebuild the Diesel Pump will be issued in October. The Diesel pump will provide additional flow capacity 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 improve the flooding in the Magnolia Valley area.
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.

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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.
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.
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.	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 is planning to replace the culverts under Valley Court, in the near future. 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.
Magnolia Valley	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 wetland behind the pumps for agricultural purposes. 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).
Magnolia Valley	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.
Magnolia Valley	11	3/16/2016	RJ Kieilty 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.

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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 system, and was permitted by the Southwest Florida Water Management District. The pond is not for Betula Drive runoff. However, the pipe replacement project for Hollyridge and Betula should address the flooding in the streets by replacing collapsed pipes.
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.
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.
Magnolia Valley	15	3/16/2016	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.

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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 about 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 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.
Magnolia Valley	50	9/20/2016	No stormwater collection and conveyance system for the Knoll Dr., Liman Dr. Collis Dr. Battel Ct and Anay Ct neighborhood. The lake connects to Knoll Drive and outfalls to the north between two houses to a wetland with not defined outfall. It pops off by overland flow through a property on Autumn Lane then along autumn Lane's minimal swale into a ditch that connects to the stormwater system in the Magnolia Valley Subdivision at Sequoia Dr. During extreme events the flow over whelms the pipe and over tops the ditch discharging through the yards and homes on Sequoia Dr. A vacant lot is for sale at the Northeast corner of Knoll and Limn	This area was previously modeled as part of the Pithlachascotee Watershed. The inflows were included in the Port Richey Model as a boundary condition. A Port Richey model update is needed to include this area's hydrologic and hydraulic features explicitly in the GIS database and model. Then a BMP analysis would determine the benefit of conveyance and storage improvements to address stormwater issues.
Magnolia Valley	52	9/20/2016	Back yard flooding at the South end of Knoll Dr. Runoff goes into a wetland/depression, remnant sinkhole, that fills up to it's top of bank then overflows to an inlet at the Southern edge of the mobile home park. Can an outfall be placed in the depression to allow discharge a lower elevation and allow the depression to drain to the Seasonal High Water level (SHWL) of the wetland. An alternative outfall from the lake was also suggested.	A BMP analysis would determine the benefit of a control structure in the wetland connected to the pipe system in the mobile home park. An alternative lake outfall could also be evaluated.
Suncoast Mobile Home Park (MHP)/ Ridge Road	1	3/16/2016	Dream Drive - The citizen requested copy of the County's drainage infrastructure inventory for the area, as well as map depicting drainage flow direction. There was reportedly knee-deep flooding in her area of the mobile home park.	No infrastructure is mapped in the mobile home park, will bring a map of the area to the meeting. See infrastructure map for that and surrounding areas.
Suncoast Mobile Home Park (MHP)/ Ridge Road	2	3/16/2016	Commercial Property between Old Ridge Road and Ridge Road - The citizen reported what he considered to be poor drainage and flooding in the Ridge Road right of way abutting the northerly commercial property on the west side of Old Ridge Road just north of the intersection with Ridge Road. Additionally, the citizen would like the inlets/pipes in this area to be inspected and cleaned or maintained. The citizen noted that a private retention pond in that commercial development needed maintenance. He is part owner with legal control over some portions of this retention pond and is willing to provide legal access for the pond's maintenance, if the County is willing to do such maintenance.	The County does not maintain stormwater management systems on private property. This retention area discharges into the stormwater management system on Ridge Road. Staff confirmed that the stormwater management system along this area are functioning properly.

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Suncoast Mobile Home Park (MHP)/ Ridge Road	3	3/16/2016	Easy Drive - Residents at 6036 Easy Drive noted that they experienced damage to Air Conditioning (AC) duct work that cost them some money to repair. They reported knee-deep water during the flooding. Can they get reimbursed some of their expenditures? The citizens would also like to have map depicting the drainage flow for the area.	Staff alerted our Community Development Director at the meeting and he clarified that although they did not own the land on which their Mobile home is located, they could qualify for other assistance and provided them contact information on how to pursue reimbursement. The owner may choose to elevate the structure and utilities.
Suncoast Mobile Home Park (MHP)/ Ridge Road	4	3/16/2016	Westerly Discharge Option (Alternative outfall possibility) - The Public Works Director noted that a westerly discharge potential had been previously studied by the County to create another path for the runoff to discharge along the south boundary of the mobile home park, and possibly along Siesta Lane, then south of the commercial property in the northeast corner of US 19 and Siesta Lane intersection, then under US 19. This alternate route would reduce northerly flows under Ridge Road, since the pipe under US 19 north of the Springer Drive outfall was noted to flow full during storms. However, the westerly alternative discharge route was estimated to cost about \$2.5 million, which was cost-prohibitive. The Commissioner also directed staff to start dialogue with the Dealership's owner on this possibility. Additionally, staff should work with the District to look into the Dealership pond's maintenance. The Commissioner directed staff to invite the City of Port Richey to the next watershed meeting, and look into holding the next meeting within the Suncoast Gateway Mobile Home Park.	County staff talked to car dealership and invited them to the next meeting. The SWFWMD is aware of cattail issues in the dealership's retention pond. The current circumstances regarding legal issues indicated that meeting at that location was not practical. Staff has reviewed the area for an opportunity to divert some of the runoff to the west, without going through the dealership's property.
Suncoast Mobile Home Park (MHP)/ Ridge Road	5	3/16/2016	Modifying the Dealership's retention pond - District permitting and modification of the existing Dealership permit should be looked into.	This is a stormwater system on private property that is part of an approved SWFWMD ERP Permit that includes stormwater water quality and quantity storage. The permit would have to be modified and the county would have to obtain rights to perform the improvements. Staff has reviewed the area for an opportunity to divert some of the runoff to the west, without going through the dealership's property.
South of Magnolia Valley	51	9/20/2016	6846 Runnel Drive: Resident suspects that unfinished development to the east is contributing to neighborhood flooding. Resident also inquired as to feasibility of connecting to nearby sanitary sewer.	Staff met resident on site 2016-09-26. Part of the Pithlachascotee Watershed. Issue is documented here, but will be moved to the Pithlachascotee Watershed Task force for action.
Dublin and Van Buren Aurora Drive NPR Rec & Aquatic Center NPR- Massachusetts	53	10/4/2016	Pines Subdivision at Emerson Dr and Congress (in the city of New Port Richey) there was flooding during Hermine and in the Summer of 2015. The subdivision's pond fills up then outfalls to the East through a closed conduit system that discharges to the north. There are concerns with the condition of the outfall pipes and sediment that builds up in the inlets and pipes at Congress. The flood levels of the past storms were at the edge of the homes. Emerson Dr. was flooded for 4 days. Problem Area 4	Need to set up meeting with the Cities of New Port Richey and Port Richey to discuss this area and other areas in the Watershed where we share boundaries and one contributes to the other. Some of the potential alternatives may have a positive impact on this area. Conveyance and storage issues need to be discussed.
Pond South of Belah & East of Medlar Shady Acres Blvd	54	11/14/2016	Bass Lane in Problem Area 7 Pond South of Belah and East of Medlar. Street flooding occurs pictures provided by Mrs. Stippert. Past issues with outfall ditch taken care of with maintenance area is draining better after flood events. Flow is to the north through Massachusetts Ave into Magnolia Valley.	Need to look a better outfall for this area with an easement. Looks like a trailer has been placed at the edge of the ditch. An outfall with a riser and pipe.
NPR-Washington St	55		Flooding of homes and Washington Street. Citizens provided photos of flooding during Hermine 2016.	This is part of the Port Richey Slough and Wetland system. There is an outfall to the Pith. River at Washington, North of Casson Ave. A BMP analysis and conceptual design will be accomplished with the Alternative outfall and Port Richey Slough Restoration to address the storage and conveyance issues and improve the flood protection level of service in this area.