

APPENDIX A to West Berkshire CIN-JBAU-XX-KX-CA-EN-0001-A1-C03-Site\_Tracker Phase 1 Water Cycle Study (Scoping)

Site Information										Water Supply										Wastewater											
Policy No. / FPA Application No.	Type	Planning Permission	Parish / Settlement	Location	Site Area (m <sup>2</sup> )	Proposed Use	Potential Housing (2015-2036)	Potential Employment (2015-2036)	Employment Use	Indicative Number of Employees	Water Company	Water Resource Zone	Water Resource RAG	Water Resource Comments	Water Supply Network RAG	Water Supply Network Comments	Company Treating Wastewater	WaTW	JBA Assessment	WaTW Flow Capacity RAG	WaTW Flow Capacity Comments	Sewerage Undertaker	Sewerage Latchment	Foul Sewerage Network Capacity RAG	Foul Sewerage Network Capacity Comments	Site Boundary Distance from WaTW (m)	Location of site relative to WaTW	JBA Ombur Assessment	Other screening comments	Effluent discharge RAG	Effluent discharge RAG Comments
110337/2016A	Allocation	Y	Greenham	History 1 Newbury Watercourse Reservoir Road Newbury Berkshire	124.23	Residential	608	0		N/A	Thames Water	ENNENT VALLEY	Amber	Capacity issue modelling needed	Amber	Modelling for pressure and connection point location needed. Network reinforcement required.	Thames Water	NEWBURY STW	Amber	Amber	Amber	Newbury Go to Green (Bank 22) - not yet modelled for AMP7. Awaiting impact assessment of increased development flows on the STW from Process modelling. Ability to meet some level of upgrade in AMP7 but do not have business approval at this stage. Growth & flow issues (as per CM issues), would suggest safeguarding land would be needed.	Thames Water	LEICHOSS ROAD NEWBURY SP1	Green	Newbury growth upgrades funded, to address low capacity in Newbury greens.	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110338/2016A	Allocation	Y	Parishmore	Land North Of Parishmore Hill Parishmore Reading Berkshire	2.28	Residential	35	0		N/A	Thames Water	ENNY	Green		Green		Thames Water	PANGBOURNE STW	Green	Green	Green	Parishmore STW Go to Green (Bank 49) - Parishmore STW Go to Green (Bank 21) - where is AMP7 to improve compliance risk which will be a design horizon of 2026.	Thames Water	THAMES AVENUE SP1	Amber		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110340/2016A	Allocation	Y	Cold Ash	Colley Farm Water Lane Ashmore Green Thatcham Berkshire RG26 5HG	4.14	Residential	75	0		N/A	Thames Water	ENNENT VALLEY	Amber	Capacity check with combined new developments impact on Cold Ash operation needed	Amber	Modelling for pressure and connection point location needed. Network reinforcement required.	Thames Water	NEWBURY STW	Amber	Amber	Amber	Newbury Go to Green (Bank 22) - not yet modelled for AMP7. Awaiting impact assessment of increased development flows on the STW from Process modelling. Ability to meet some level of upgrade in AMP7 but do not have business approval at this stage. Growth & flow issues (as per CM issues), would suggest safeguarding land would be needed.	Thames Water	LEICHOSS ROAD NEWBURY SP1	Green	Newbury growth upgrades funded, to address low capacity in Newbury greens.	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110341/2016A	Allocation	Y	Burgfield	Land Adjacent To Promote Croft Reading Road Burgfield Common Reading Berkshire	1.52	Residential	60	0		N/A	Thames Water	ENNENT VALLEY	Green		Green		Thames Water	BURGHFIELD STW	Green	Amber	Amber	MP7_MP Reduce AmvM/ BOD or P to meet MP7-2024. System suffers from groundwater infiltration which works at the STW during wet seasons	Thames Water	LEICHOSS ROAD NEWBURY SP1	Amber		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110342/2016A	Allocation	Y	Thiburn	Thiburn Farm Long Lane Thiburn Reading Berkshire RG23 5UG	1.13	Residential	15	0		N/A	Thames Water	ENNENT VALLEY	Green		Green		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	Parishmore Valley SP1	Amber		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110343/2016A	Allocation	Y	Greenham	Land South Of Green Road Greenham Berkshire	6.36	Residential	300	0		N/A	Thames Water	ENNENT VALLEY	Amber	Modelling for local capacity required	Amber	Modelling for pressure and take of connection needed. Potential network reinforcement required.	Thames Water	CHANGEBURY STW	Amber	Green	Amber	Amber	Greenham STW Go to Green (Bank 20) - where is AMP7 to improve compliance risk which will be a design horizon of 2026.	Thames Water	LEICHOSS ROAD NEWBURY SP1	Amber		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk
110344/2016A	Allocation	Y	Greenham	Land On North Side Of Pale Hill Newbury Berkshire	1.41	Residential	61	0		N/A	Thames Water	ENNENT VALLEY	Amber	Modelling for local capacity required	Amber	Modelling for pressure and take of connection needed. Potential network reinforcement required.	Thames Water	NEWBURY STW	Amber	Amber	Amber	Newbury Go to Green (Bank 22) - not yet modelled for AMP7. Awaiting impact assessment of increased development flows on the STW from Process modelling. Ability to meet some level of upgrade in AMP7 but do not have business approval at this stage. Growth & flow issues (as per CM issues), would suggest safeguarding land would be needed.	Thames Water	LEICHOSS ROAD NEWBURY SP1	Green		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110345/2016A	Allocation	Y	Reading	Land To The North Of Prickbottom Lane Greenham Thatcham Berkshire	3.76	Residential	117	0		N/A	Thames Water	ENNENT VALLEY	Amber	Modelling for local capacity required	Amber	Modelling for pressure and take of connection needed. Potential network reinforcement required.	Thames Water	NEWBURY STW	Amber	Amber	Amber	Newbury Go to Green (Bank 22) - not yet modelled for AMP7. Awaiting impact assessment of increased development flows on the STW from Process modelling. Ability to meet some level of upgrade in AMP7 but do not have business approval at this stage. Growth & flow issues (as per CM issues), would suggest safeguarding land would be needed.	Thames Water	LEICHOSS ROAD NEWBURY SP1	Green		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110346/2016A	Allocation	Y	Stifford Mortimer	Land South Of St John's Church Of England School The Street Mortimer Common Reading Berkshire	8.00	Residential	110	0		N/A	Thames Water	ENNENT VALLEY	Amber	Modelling for local capacity required	Amber	Modelling for pressure and take of connection needed. Potential network reinforcement required.	Thames Water	MORTIMER STW	Green	Amber	Amber	Amber	Stifford Go to Green (Bank 2) - AMP7 project to reduce flow compliance risk with a design horizon of 2026	Thames Water	MORTIMER VALLEY SP1	Amber		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk
110347/2016A	Allocation	Y	Stifford	Land East Of Lydford Green and South Of Crown Close Lydford Green Stifford Berkshire	1.14	Residential	18	0		N/A	Thames Water	ENNENT VALLEY	Green		Green		Thames Water	STIFFORD STW	Green	Green	Green	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	LEICHOSS ROAD NEWBURY SP1	Amber		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110348/2016A	Allocation	Y	Bradfield	Land North Of Watling Close Bradfield Southam Reading Berkshire	1.02	Residential	13	0		N/A	Thames Water	ENNENT VALLEY	Green		Green		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	BRADFIELD SOUTH END SP1	Amber		Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
110349/2016A	Allocation	Y	Greenham	Land West Of New Road North Of Pale Hill Newbury Berkshire	3.11	Residential	30	0		N/A	Thames Water	ENNENT VALLEY	Green		Amber		Thames Water	NEWBURY STW	Green	Amber	Amber	Newbury Go to Green (Bank 22) - not yet modelled for AMP7. Awaiting impact assessment of increased development flows on the STW from Process modelling. Ability to meet some level of upgrade in AMP7 but do not have business approval at this stage. Growth & flow issues (as per CM issues), would suggest safeguarding land would be needed.	Thames Water	LEICHOSS ROAD NEWBURY SP1	Green	Newbury growth upgrades funded, to address low capacity in Newbury greens.	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
A103	Potential Allocation		Aldeaman	Parson Youngs Garden Centre, Youngs Industrial Estate, Aldeaman	2.83	Employment	0	7,704	E1a	363	Thames Water	ENNENT VALLEY	Green		Amber		Thames Water	SCHEPSTAR STW	Green	Amber	Amber	Site will require an upgrade in due course - would safeguard land	Thames Water	WASSING LAKE ALDEAMAN SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
A105	Potential Allocation		Aldeaman	Recreation Road/Palmer Road, Aldeaman Wood	2.29	Residential	44	0		N/A	Thames Water	ENNENT VALLEY	Green		Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	HALLWOOD WAY ALDEAMAN SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
A106	Potential Allocation		Aldeaman	Land Off Beacon Road Easton Park, Tuffrey	2.10	Employment	0	12600	E1a	1375	Thames Water	ENNENT VALLEY	Amber		Amber		Thames Water	SCHEPSTAR STW	Green	Amber	Amber	Site will require an upgrade in due course - would safeguard land	Thames Water	LEICHOSS ROAD NEWBURY SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
A108	Potential Allocation		Aldeaman	Land south of Youngs Industrial Estate, The Hill, Newbury, RG14 4JG	2.28	Employment	0	17400	E1a	2375	Thames Water	ENNENT VALLEY	Amber		Amber		Thames Water	SCHEPSTAR STW	Green	Amber	Amber	Site will require an upgrade in due course - would safeguard land	Thames Water	WASSING LAKE ALDEAMAN SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B01	Potential Allocation		Beacons	Land Off Redden Road Lower Beacons	1.50	Residential	8	0		N/A	Thames Water	ENNENT VALLEY	Green		Green		Thames Water	LOWER BASILDON STW	Green	Amber	Amber	Site does have some issues, they require land in future	Thames Water	LOWER BASILDON SP1	N/A	N/A	Green	Site location is such that an odour impact assessment is recommended	Green	Low risk that increased discharges will increase Rural Flood risk	
B02	Potential Allocation		Beacons	Land adjacent Reading Road, Lower Beacons	0.50	Residential	8	0		N/A	Thames Water	ENNENT VALLEY	Green		Green		Thames Water	LOWER BASILDON STW	Green	Amber	Amber	Site does have some issues, may require land in future	Thames Water	LOWER BASILDON SP1	N/A	N/A	Green	Site location is such that an odour impact assessment is recommended	Green	Low risk that increased discharges will increase Rural Flood risk	
B03	Potential Allocation		Beacons	Land east of The Church Public House, Wood's End, Beacons	1.34	Residential	15	0		N/A	Thames Water	ENNENT VALLEY	Green		Green		Thames Water	CHURCH STW	Green	Amber	Green	Churley STW Go to Green (Bank 12) - AMP7 project to improve flow compliance risk not yet modelled in new DWP regulations underway with the EA SC_JMP Improve to meet concretion objective (Natura 2000 or BMS&G) - 2025 Judy DWP & P upgrade, so would safeguard land	Thames Water	BEACONS SOUTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B04	Potential Allocation		Beacons	Land fronting both Road, Aldeaman Wood, Reading - Site 8	4.10	Residential	68	0		N/A	Thames Water	ENNENT VALLEY	Green		Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	HALLWOOD WAY ALDEAMAN SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B05	Potential Allocation		Beacons	Beacons Landfill & Central Site, George Lane, Beacons, RG1 5YF	7.16	Employment	0	29240	E1	812	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B06	Potential Allocation		Beacons	Beacons Landfill, George Lane, George Lane, Beacons, RG1 5YF	17.12	Employment	0	68400	E1	1902	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B07	Potential Allocation		Beacons	Beacons Landfill, The Lane, The Lane, Beacons, RG1 5AT	3.84	Employment	0	14640	E1	407	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B08	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B09	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B10	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B11	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B12	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B13	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B14	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B15	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B16	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B17	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B18	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment applied off Beacons WWS. This would need to be assessed at the planning permission stage with the combined number of Beacons' properties proposed. <del>modelling</del>	Amber		Thames Water	READING STW	Green	Amber	Amber	Given the odour limits for the site, any encroachment nearer the current works would be risky	Thames Water	MACCARTHY FORDWORTH SP1	N/A	N/A	Green	Site is unlikely to be impacted by odour from WaTW	Green	Low risk that increased discharges will increase Rural Flood risk	
B19	Potential Allocation		Beacons	Beacons Landfill, At Road Frontage, Beacons, RG1 5YF	3.88	Employment	0	15120	E1	411	Thames Water	ENNENT VALLEY	Amber	Assessment																	



