

Iron Cumberland, LLC
Cumberland Mine 5-Year Permit Renewal (2022)
Longwall Panels 66-72
Original Submission: October 2022

ATTACHMENT 8.12A

WETLAND INVENTORY

Form 8.12A - Wetland inventory

Operator: Iron Cumberland, LLC
 Operation Name: Cumberland Mine
 Permit Number: 30831303
 Watershed: Monongahela River

Date: September 2006 - August 2017
 Pre-Mining

Date: August 2018 - September 2022
 Post-Mining

| Wetland Number | Panel ID | Pre-Mining Size by Cowardin Classification (acres) | | | | | Post-Mining Size by Cowardin Classification (acres) | | | | | Chapter 105 Classification | | Primary Wetland Function | | | | | | | | Anticipated Adverse Impact to Wetland | | Type of Adverse Impact to Wetland | | Mitigation Action | | | | |
|-----------------------------|----------|--|-------|-----|-----|-----|---|-------|-------|-------|-----|----------------------------|-------|--------------------------|------------|---------------|----------------|---------------|----------------------|------------|-------|---------------------------------------|-----|-----------------------------------|------------|-------------------|--------------------------|--|--|--|
| | | Total Acres | PEM | PSS | PFO | POW | Total Acres | PEM | PSS | PFO | POW | EV | Other | General Habitat | Study Area | Flood Storage | Discharge Area | Recharge Area | Pollution Prevention | Recreation | Other | No | Yes | Dewatering | Inundation | Gate Cutting | Compensatory Replacement | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELLS RUN WATERSHED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W01SHD81418 | LW-66 | 0.000 | | | | | 0.021 | 0.021 | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | NO | | | | | | | | | |
| W02SHD81418 | LW-66 | 0.000 | | | | | 0.017 | 0.016 | | 0.001 | | NO | NO | NO | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | |
| W04ABK062119 | LW-66 | 0.000 | | | | | 0.750 | 0.712 | 0.038 | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | |
| W01ABK062419 | LW-66 | 0.000 | | | | | 0.149 | 0.149 | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | NO | | | | | | | | | |
| W02ABK062419 | LW-66 | 0.000 | | | | | 0.086 | 0.082 | | 0.004 | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | |
| TUSTIN RUN WATERSHED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TR-1 | LW-66 | 0.416 | 0.416 | | | | 0.416 | 0.416 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | |
| W01DAM80918 | LW-66 | 0.000 | | | | | 0.085 | 0.085 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | | | |
| W01ABK062119 | LW-66 | 0.000 | | | | | 0.300 | 0.255 | 0.015 | 0.030 | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | | | |
| W02ABK062119 | LW-66 | 0.000 | | | | | 0.120 | 0.114 | | 0.006 | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | |
| W03ABK062119 | LW-66 | 0.000 | | | | | 0.368 | 0.350 | | 0.018 | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | |
| W03ABK062419 | LW-66 | 0.000 | | | | | 0.126 | 0.126 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | |
| W04ABK062419 | LW-66 | 0.000 | | | | | 0.122 | 0.110 | 0.006 | 0.006 | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | |
| W05ABK062419 | LW-66 | 0.000 | | | | | 0.025 | 0.025 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | |
| W06ABK062419 | LW-66 | 0.000 | | | | | 0.139 | 0.132 | | 0.007 | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | |

| Wetland Number | Panel ID | Pre-Mining Size by Cowardin Classification (acres) | | | | | Post-Mining Size by Cowardin Classification (acres) | | | | | Chapter 105 Classification | | Primary Wetland Function | | | | | | | | | Anticipated Adverse Impact to Wetland | | Type of Adverse Impact to Wetland | | Mitigation Action | | | | | | |
|------------------------------|----------|--|-------|-------|-------|-------|---|-------|-------|-------|-------|----------------------------|-------|--------------------------|------------|---------------|----------------|---------------|----------------------|------------|-------|----|---------------------------------------|------------|-----------------------------------|--------------|--------------------------|--|--|--|--|--|--|
| | | Total Acres | PEM | PSS | PFO | POW | Total Acres | PEM | PSS | PFO | POW | EV | Other | General Habitat | Study Area | Flood Storage | Discharge Area | Recharge Area | Pollution Prevention | Recreation | Other | No | Yes | Dewatering | Inundation | Gate Cutting | Compensatory Replacement | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROBERTS RUN WATERSHED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W03DAM101014 | LW-67 | 0.060 | 0.054 | 0.003 | 0.003 | | 0.141 | 0.099 | 0.028 | 0.014 | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W01GMM51415 | LW-67 | 0.066 | 0.063 | 0.003 | | | 0.066 | 0.052 | 0.007 | 0.007 | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W02GMM51415 | LW-67 | 0.147 | 0.110 | 0.022 | 0.015 | | 0.147 | 0.110 | 0.022 | 0.015 | | NO | NO | YES | NO | YES | YES | NO | NO | YES | NO | | | | | | | | | | | | |
| W01DAM51515 | LW-67 | 0.427 | 0.278 | 0.064 | 0.085 | | 0.543 | 0.353 | 0.081 | 0.109 | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W01DAM51815 | LW-67 | 0.021 | 0.021 | | | | 0.021 | 0.021 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | | | |
| W01DAM51915 | LW-67 | 0.010 | 0.010 | | | | 0.015 | 0.015 | | | | NO | NO | YES | NO | NO | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W02DAM51915 | LW-68 | 0.273 | 0.273 | | | | 0.312 | 0.312 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W01DAM52815 | LW-67 | 0.219 | 0.219 | | | | 0.129 | 0.122 | 0.007 | | | NO | NO | YES | NO | YES | NO | NO | YES | NO | NO | | | | | | | | | | | | |
| W02DAM52815 | LW-67 | 0.073 | 0.073 | | | | 0.073 | 0.073 | | | | NO | NO | YES | NO | YES | YES | NO | YES | NO | NO | | | | | | | | | | | | |
| W05DAM6115 | LW-68 | 0.147 | 0.147 | | | | 0.147 | 0.147 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W06DAM6115 | LW-68 | 0.071 | 0.071 | | | | 0.071 | 0.071 | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | | | | | | |
| W07DAM6115 | LW-68 | 0.149 | 0.149 | | | | 0.195 | 0.195 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W08DAM6115 | LW-68 | 0.296 | 0.118 | | | 0.178 | 0.296 | 0.118 | | | 0.178 | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W09DAM6115 | LW-68 | 0.122 | 0.122 | | | | 0.154 | 0.154 | | | | NO | NO | YES | NO | YES | NO | NO | NO | NO | NO | | | | | | | | | | | | |
| W10DAM6115 | LW-68 | 0.061 | 0.061 | | | | 0.061 | 0.061 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | | | | | | |
| W11DAM6115 | LW-68 | 0.035 | 0.035 | | | | 0.081 | 0.081 | | | | NO | NO | YES | NO | YES | NO | NO | NO | NO | NO | | | | | | | | | | | | |
| W12DAM6115 | LW-68 | 0.048 | 0.048 | | | | 0.000 | 0.000 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W13DAM6115 | LW-68 | 0.013 | 0.013 | | | | 0.013 | 0.013 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W01GMM6215 | LW-68 | 0.048 | 0.048 | | | | 0.147 | 0.147 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W02GMM6215 | LW-68 | 0.049 | 0.049 | | | | 0.049 | 0.049 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W03GMM6215 | LW-68 | 0.083 | 0.083 | | | | 0.083 | 0.083 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W04GMM6215 | LW-68 | 0.736 | 0.736 | | | | 0.787 | 0.787 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W01DAM6315 | LW-68 | 0.058 | 0.052 | 0.006 | | | 0.078 | 0.074 | 0.004 | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W02DAM6315 | LW-68 | 0.023 | 0.023 | | | | 0.070 | 0.067 | 0.003 | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | | | |
| W03DAM6315 | LW-68 | 0.039 | 0.027 | 0.012 | | | 0.039 | 0.037 | 0.002 | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | | | |
| W01DAM6415 | LW-68 | 0.346 | 0.346 | | | | 0.436 | 0.436 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W02DAM6415 | LW-69 | 0.207 | 0.207 | | | | 0.729 | 0.729 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W01DAM6515 | LW-69 | 2.008 | 2.008 | | | | 0.000 | | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | | | | | | |
| W02DAM6515 | LW-69 | 0.231 | 0.231 | | | | 0.108 | 0.108 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | | | |
| W03DAM6515 | LW-69 | 0.015 | 0.015 | | | | 0.106 | 0.101 | 0.005 | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | | | |
| W01DAM6815 | Buffer | 0.030 | 0.030 | | | | 0.030 | 0.030 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W02DAM6815 | LW-69 | 0.132 | 0.132 | | | | 0.132 | 0.132 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | | | |
| W03DAM6815 | LW-69 | 0.022 | 0.022 | | | | 0.022 | 0.022 | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | NO | | | | | | | | | | | | |
| W01GMM6915 | LW-69 | 0.041 | 0.041 | | | | 0.041 | 0.041 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | | | | | | |
| W02GMM6915 | LW-68 | 0.195 | 0.195 | | | | 0.221 | 0.221 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | | | |
| W01DAM61015 | LW-68 | 0.034 | 0.034 | | | | 0.034 | 0.002 | | | 0.032 | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | | | | | | |
| W02DAM61015 | LW-68 | 0.027 | 0.001 | | | 0.026 | 0.027 | 0.001 | | | 0.026 | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | | | |
| W03DAM61015 | LW-68 | 0.009 | 0.009 | | | | 0.019 | 0.019 | | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | | | |
| W04DAM61015 | LW-68 | 0.084 | 0.059 | 0.008 | 0.017 | | 0.084 | 0.084 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | | | |
| W01GMM61115 | Buffer | 0.028 | 0.027 | 0.001 | | | 0.028 | 0.024 | 0.004 | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | | | |
| W01DAM61615 | LW-68 | 0.030 | 0.030 | | | | 0.098 | 0.098 | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | NO | | | | | | | | | | | | |

| Wetland Number | Panel ID | Pre-Mining Size by Cowardin Classification (acres) | | | | | Post-Mining Size by Cowardin Classification (acres) | | | | | Chapter 105 Classification | | Primary Wetland Function | | | | | | | | Anticipated Adverse Impact to Wetland | | Type of Adverse Impact to Wetland | | Mitigation Action | |
|----------------|----------|--|-------|-----|-----|-------|---|-------|-----|-----|-----|----------------------------|-------|--------------------------|------------|---------------|----------------|---------------|----------------------|------------|-------|---------------------------------------|-----|-----------------------------------|------------|-------------------|--------------------------|
| | | Total Acres | PEM | PSS | PFO | POW | Total Acres | PEM | PSS | PFO | POW | EV | Other | General Habitat | Study Area | Flood Storage | Discharge Area | Recharge Area | Pollution Prevention | Recreation | Other | No | Yes | Dewatering | Inundation | Gate Cutting | Compensatory Replacement |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W02DAM61615 | LW-68 | 0.206 | 0.206 | | | 0.206 | 0.206 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W03DAM61615 | LW-68 | 0.832 | 0.832 | | | 0.832 | 0.832 | | | | NO | NO | YES | NO | YES | YES | NO | YES | NO | NO | | | | | | | |
| W04DAM61615 | Buffer | 0.135 | 0.135 | | | 0.135 | 0.135 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W01GMM61815 | LW-67 | 0.045 | 0.045 | | | 0.045 | 0.045 | | | | NO | NO | YES | NO | YES | YES | NO | YES | NO | NO | | | | | | | |
| W01ABK61316 | Buffer | 0.097 | 0.097 | | | 0.082 | 0.082 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W02ABK61316 | Buffer | 0.008 | 0.008 | | | 0.008 | 0.008 | | | | NO | NO | NO | NO | NO | YES | NO | YES | NO | NO | | | | | | | |
| W03ABK61316 | LW-70 | 0.207 | 0.207 | | | 0.371 | 0.371 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W01DAM61316 | LW-71 | 0.020 | 0.020 | | | 0.020 | 0.017 | 0.003 | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W02DAM61316 | LW-70 | 0.028 | 0.028 | | | 0.000 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W03DAM61316 | LW-69 | 1.266 | 1.266 | | | 1.101 | 1.101 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W01GMM7716 | LW-70 | 0.057 | 0.057 | | | 0.057 | 0.057 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W02GMM7716 | LW-70 | 0.039 | 0.039 | | | 0.039 | 0.039 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W03GMM7716 | LW-70 | 0.020 | 0.020 | | | 0.043 | 0.043 | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | |
| W04GMM7716 | LW-70 | 0.064 | 0.064 | | | 0.064 | 0.064 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W05GMM7716 | Buffer | 0.017 | 0.017 | | | 0.017 | 0.017 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W01ABK71116 | LW-69 | 0.026 | 0.026 | | | 0.026 | 0.026 | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W02ABK71116 | Buffer | 0.006 | 0.006 | | | 0.015 | 0.015 | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W03ABK71116 | LW-70 | 0.129 | 0.129 | | | 0.238 | 0.238 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W04ABK71116 | Buffer | 0.005 | 0.005 | | | 0.005 | 0.005 | | | | NO | NO | NO | NO | NO | YES | YES | NO | NO | NO | | | | | | | |
| W05ABK71116 | LW-69 | 0.004 | 0.004 | | | 0.019 | 0.019 | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W02SHD71216 | Buffer | 0.011 | 0.011 | | | 0.011 | 0.011 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W03SHD71216 | LW-69 | 0.008 | 0.008 | | | 0.018 | 0.018 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | |
| W04SHD71216 | LW-69 | 0.081 | 0.081 | | | 0.188 | 0.188 | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | NO | | | | | | | |
| W05SHD71216 | LW-69 | 0.100 | 0.100 | | | 0.000 | | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W06SHD71216 | LW-69 | 0.038 | 0.038 | | | 0.063 | 0.063 | | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | |
| W01ABK070819 | LW-68 | 0.000 | | | | 0.047 | 0.047 | | | | NO | NO | YES | NO | YES | NO | NO | NO | NO | NO | | | | | | | |
| W01ABK070919 | LW-68 | 0.000 | | | | 0.014 | 0.013 | 0.001 | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W01ABK071019 | LW-68 | 0.000 | | | | 0.028 | 0.028 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | |
| W02ABK071019 | LW-68 | 0.000 | | | | 0.062 | 0.062 | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | NO | | | | | | | |
| W01ABK071119 | LW-68 | 0.000 | | | | 0.043 | 0.041 | 0.002 | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W02ABK071119 | LW-68 | 0.000 | | | | 0.018 | 0.018 | | | | NO | NO | YES | NO | YES | YES | NO | YES | NO | NO | | | | | | | |
| W03ABK071119 | LW-68 | 0.000 | | | | 0.116 | 0.105 | 0.012 | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W01SHD071119 | LW-68 | 0.000 | | | | 0.041 | 0.041 | | | | NO | NO | NO | NO | NO | YES | NO | YES | NO | NO | | | | | | | |
| W02SHD071119 | LW-68 | 0.000 | | | | 0.044 | 0.044 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W03SHD071119 | LW-68 | 0.000 | | | | 0.112 | 0.112 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W01DAM61020 | LW-69 | 0.000 | | | | 1.544 | 1.544 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | |
| W02DAM61020 | LW-69 | 0.000 | | | | 0.476 | 0.476 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | |
| W03ABK071420 | LW-69 | 0.000 | | | | 0.077 | 0.077 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W04ABK071420 | LW-69 | 0.000 | | | | 0.019 | 0.019 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | |
| W05ABK071420 | LW-69 | 0.000 | | | | 0.009 | 0.009 | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | |
| W03ABK071620 | LW-69 | 0.000 | | | | 0.031 | 0.031 | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | |
| W01ABK072720 | LW-70 | 0.000 | | | | 0.036 | 0.036 | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | |
| W01ABK072920 | Buffer | 0.000 | | | | 0.007 | 0.007 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | |
| W02ABK072920 | Buffer | 0.000 | | | | 0.027 | 0.027 | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | |

| Wetland Number | Panel ID | Pre-Mining Size by Cowardin Classification (acres) | | | | | Post-Mining Size by Cowardin Classification (acres) | | | | | Chapter 105 Classification | | Primary Wetland Function | | | | | | | | Anticipated Adverse Impact to | | Type of Adverse Impact to | | Mitigation Action | | |
|-----------------------------|----------|--|-------|-------|-------|-----|---|-------|-------|-------|-----|----------------------------|-------|--------------------------|------------|---------------|----------------|---------------|----------------------|------------|-------|-------------------------------|-----|---------------------------|------------|-------------------|--------------------------|--|
| | | Total Acres | PEM | PSS | PFO | POW | Total Acres | PEM | PSS | PFO | POW | EV | Other | General Habitat | Study Area | Flood Storage | Discharge Area | Recharge Area | Pollution Prevention | Recreation | Other | No | Yes | Dewatering | Inundation | Gate Cutting | Compensatory Replacement | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W03ABK072920 | Buffer | 0.000 | | | | | 0.011 | 0.011 | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W01ABK080320 | LW-70 | 0.000 | | | | | 0.013 | 0.013 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W01ABK080420 | Buffer | 0.000 | | | | | 0.039 | 0.039 | | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | |
| W02ABK080420 | LW-70 | 0.000 | | | | | 0.098 | 0.098 | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W03ABK080420 | LW-69 | 0.000 | | | | | 0.026 | 0.024 | 0.002 | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | |
| W04ABK080420 | LW-69 | 0.000 | | | | | 0.115 | 0.104 | | 0.011 | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W01TRG080420 | LW-70 | 0.000 | | | | | 0.020 | 0.020 | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W02TRG080420 | Buffer | 0.000 | | | | | 0.067 | 0.067 | | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | | |
| W01ABK071421 | LW-71 | 0.000 | | | | | 0.020 | 0.014 | 0.004 | 0.002 | | | NO | NO | YES | NO | YES | NO | NO | NO | NO | | | | | | | |
| CALICO RUN WATERSHED | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W02GMM61815 | Buffer | 0.099 | 0.099 | | | | 0.099 | 0.099 | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W03GMM61815 | LW-69 | 0.048 | 0.048 | | | | 0.048 | 0.048 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W01SHD71816 | LW-71 | 0.014 | 0.014 | | | | 0.014 | 0.014 | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W02SHD71816 | LW-71 | 0.017 | 0.017 | | | | 0.017 | 0.017 | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W03SHD71816 | LW-71 | 0.008 | 0.008 | | | | 0.008 | 0.008 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W04SHD71816 | LW-71 | 0.025 | 0.025 | | | | 0.025 | 0.025 | | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | | |
| W05SHD71816 | LW-71 | 0.018 | 0.018 | | | | 0.018 | 0.018 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W06SHD71816 | LW-71 | 0.015 | 0.015 | | | | 0.015 | 0.015 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W07SHD71816 | LW-71 | 0.025 | 0.024 | | 0.001 | | 0.025 | 0.024 | 0.001 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W01ABK71916 | LW-71 | 0.011 | 0.011 | | | | 0.011 | 0.011 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W02ABK71916 | Buffer | 0.020 | 0.020 | | | | 0.020 | 0.020 | | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | | |
| W03ABK71916 | LW-70 | 0.026 | 0.026 | | | | 0.039 | 0.039 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W04ABK71916 | LW-71 | 0.008 | 0.008 | | | | 0.014 | 0.013 | 0.001 | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | | |
| W05ABK71916 | LW-71 | 0.077 | 0.077 | | | | 0.157 | 0.157 | | | | | NO | NO | YES | NO | YES | NO | YES | YES | NO | | | | | | | |
| W06ABK71916 | LW-71 | 0.103 | 0.103 | | | | 0.228 | 0.228 | | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | | | | | | | |
| W01ABK72016 | LW-70 | 0.003 | 0.003 | | | | 0.003 | 0.003 | | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | | |
| W02ABK72016 | LW-70 | 0.031 | 0.025 | 0.003 | 0.003 | | 0.031 | 0.031 | | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | | | | | | | |
| W01ABK80116 | LW-70 | 0.019 | 0.019 | | | | 0.019 | 0.019 | | | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | | | | | | | |
| W02ABK80116 | LW-70 | 0.003 | 0.003 | | | | 0.003 | 0.003 | | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | | |
| W03ABK80116 | LW-70 | 0.042 | 0.042 | | | | 0.776 | 0.776 | | | | | NO | NO | YES | NO | YES | NO | YES | YES | NO | | | | | | | |
| W04ABK80116 | LW-70 | 0.013 | 0.013 | | | | 0.000 | | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | | |
| W05ABK80116 | LW-69 | 0.499 | 0.474 | 0.025 | | | 1.115 | 1.004 | 0.111 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | | | | | | | |
| W06ABK80116 | LW-69 | 0.077 | 0.069 | | 0.008 | | 0.077 | 0.069 | | 0.008 | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | | | | | | | |
| W01SHD80216 | LW-71 | 0.039 | 0.039 | | | | 0.039 | 0.039 | | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | | | | | | | |
| W01BG80216 | LW-69 | 0.641 | 0.609 | 0.032 | | | 0.641 | 0.513 | 0.096 | 0.032 | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | | | | | | | |
| W01ABK80316 | LW-71 | 0.039 | 0.037 | 0.002 | | | 0.332 | 0.233 | 0.066 | 0.033 | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | | |
| W01ABK04042017 | LW-72 | 0.004 | 0.004 | | | | 0.011 | 0.011 | | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | | | | | | | |
| W02ABK04042017 | LW-71 | 0.071 | 0.064 | 0.007 | | | 0.094 | 0.085 | | 0.009 | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | | | | | | | |
| W03ABK04042017 | LW-71 | 0.011 | 0.010 | 0.001 | | | 0.011 | 0.010 | | 0.001 | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | | |
| W04ABK04042017 | LW-71 | 0.095 | 0.095 | | | | 0.188 | 0.188 | | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | | | | | | | |
| W05ABK04042017 | LW-71 | 0.020 | 0.020 | | | | 0.000 | | | | | | NO | NO | YES | NO | YES | NO | NO | YES | NO | | | | | | | |
| W01SHD04052017 | LW-71 | 0.132 | 0.126 | 0.006 | | | 0.132 | 0.126 | 0.006 | | | | NO | NO | YES | NO | YES | NO | NO | YES | NO | | | | | | | |
| W02SHD04052017 | LW-71 | 0.004 | 0.004 | | | | 0.018 | 0.018 | | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | | |
| W03SHD04052017 | LW-71 | 0.003 | 0.003 | | | | 0.137 | 0.123 | 0.014 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |
| W04SHD04052017 | LW-71 | 0.016 | 0.016 | | | | 0.049 | 0.049 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | | |

| Wetland Number | Panel ID | Pre-Mining Size by Cowardin | | | | | Post-Mining Size by Cowardin | | | | | Chapter 105 | | Primary Wetland Function | | | | | | | | Anticipated | | Type of | | Mitigation | |
|----------------|----------|-----------------------------|-------|-------|-------|-----|------------------------------|-------|-------|-------|-----|-------------|-------|--------------------------|------------|---------------|----------------|---------------|----------------------|------------|-------|-------------|-----|------------|------------|--------------|--------------------------|
| | | Total Acres | PEM | PSS | PFO | POW | Total Acres | PEM | PSS | PFO | POW | EV | Other | General Habitat | Study Area | Flood Storage | Discharge Area | Recharge Area | Pollution Prevention | Recreation | Other | No | Yes | Dewatering | Inundation | Gate Cutting | Compensatory Replacement |
| W01ABK04072017 | LW-72 | 0.009 | 0.009 | | | | 0.066 | 0.056 | 0.007 | 0.003 | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | | | | | | |
| W01ABK041017 | LW-72 | 0.003 | 0.003 | | | | 0.011 | 0.010 | 0.001 | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | | | | | | |
| W02ABK041017 | Buffer | 0.002 | 0.002 | | | | 0.002 | 0.002 | | | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | |
| W03ABK041017 | LW-71 | 0.001 | 0.001 | | | | 0.039 | 0.039 | | | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | |
| W04ABK041017 | LW-71 | 0.012 | 0.011 | 0.001 | | | 0.018 | 0.018 | | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W05ABK041017 | LW-71 | 0.032 | 0.031 | 0.001 | | | 0.047 | 0.047 | | | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | |
| W02DAM41017 | LW-72 | 0.116 | 0.104 | | 0.012 | | 0.186 | 0.149 | 0.028 | 0.009 | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W03DAM41017 | LW-72 | 0.006 | 0.006 | | | | 0.006 | 0.006 | | | | | NO | NO | YES | NO | NO | YES | NO | YES | NO | | | | | | |
| W01DAM41117 | LW-72 | 0.024 | 0.024 | | | | 0.152 | 0.129 | 0.015 | 0.008 | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W01SHD4112017 | LW-72 | 0.271 | 0.271 | | | | 0.125 | 0.125 | | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | | | | | | |
| W02SHD4112017 | LW-72 | 0.023 | 0.023 | | | | 0.092 | 0.074 | 0.009 | 0.009 | | | NO | NO | YES | NO | YES | NO | NO | NO | NO | | | | | | |
| W03SHD4112017 | LW-71 | 0.004 | 0.004 | | | | 0.048 | 0.041 | 0.007 | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | |
| W04SHD4112017 | Buffer | 0.002 | 0.002 | | | | 0.002 | 0.002 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | |
| W01DAM41717 | LW-72 | 0.059 | 0.059 | | | | 0.161 | 0.161 | | | | | NO | NO | YES | NO | NO | NO | YES | YES | NO | | | | | | |
| W02DAM41717 | LW-71 | 0.017 | 0.015 | 0.002 | | | 0.017 | 0.014 | 0.003 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | |
| W03DAM41717 | LW-72 | 0.022 | 0.018 | 0.002 | 0.002 | | 0.116 | 0.092 | 0.012 | 0.012 | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | |
| W01SHD042517 | LW-72 | 0.124 | 0.112 | 0.012 | | | 0.124 | 0.105 | 0.019 | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | | | | | | |
| W02SHD042517 | LW-72 | 0.010 | 0.010 | | | | 0.099 | 0.099 | | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | | | | | | |
| W03SHD042517 | LW-72 | 0.015 | 0.015 | | | | 0.000 | | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | |
| W01ABK071320 | LW-69 | 0.000 | | | | | 0.046 | 0.042 | | 0.005 | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W02ABK071320 | LW-69 | 0.000 | | | | | 0.046 | 0.046 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | |
| W01ABK071420 | LW-69 | 0.000 | | | | | 0.021 | 0.021 | | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | |
| W02ABK071420 | LW-69 | 0.000 | | | | | 0.033 | 0.033 | | | | | NO | NO | NO | NO | YES | NO | NO | NO | NO | | | | | | |
| W01ABK071520 | LW-70 | 0.000 | | | | | 0.052 | 0.052 | | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | | | | | | |
| W02ABK071520 | LW-70 | 0.000 | | | | | 0.049 | 0.049 | | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | |
| W03ABK071520 | LW-70 | 0.000 | | | | | 0.110 | 0.110 | | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | | | | | | |
| W04ABK071520 | LW-70 | 0.000 | | | | | 0.066 | 0.066 | | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | |
| W01ABK071620 | LW-70 | 0.000 | | | | | 0.018 | 0.018 | | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | | | | | | |
| W02ABK071620 | LW-70 | 0.000 | | | | | 0.064 | 0.064 | | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W01ABK072020 | Buffer | 0.000 | | | | | 0.014 | 0.013 | 0.001 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W01TRG072020 | LW-70 | 0.000 | | | | | 0.030 | 0.030 | | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | |
| W02TRG072020 | LW-70 | 0.000 | | | | | 0.174 | 0.174 | | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | | | | | | |
| W01ABK070721 | LW-72 | 0.000 | | | | | 0.009 | 0.008 | 0.001 | | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | |
| W01TRG070721 | LW-71 | 0.000 | | | | | 0.009 | 0.008 | 0.001 | | | | NO | NO | NO | YES | NO | NO | YES | NO | NO | | | | | | |
| W02TRG070721 | LW-71 | 0.000 | | | | | 0.014 | 0.014 | | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W01ABK071221 | LW-72 | 0.000 | | | | | 0.111 | 0.111 | | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | | | | | | |
| W01ABK071321 | LW-71 | 0.000 | | | | | 0.014 | 0.014 | | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | | | | | | |
| W01ALG71321 | LW-71 | 0.000 | | | | | 0.010 | 0.010 | | | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | |
| W02ABK071321 | LW-71 | 0.000 | | | | | 0.042 | 0.042 | | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | |
| W02ALG71321 | LW-71 | 0.000 | | | | | 0.114 | 0.109 | | 0.005 | | | NO | NO | YES | NO | NO | NO | YES | YES | NO | | | | | | |
| W03ALG71321 | LW-71 | 0.000 | | | | | 0.013 | 0.013 | | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | | | | | | |
| W02ABK071421 | LW-71 | 0.000 | | | | | 0.056 | 0.050 | 0.003 | 0.003 | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | |
| W03ABK071421 | LW-71 | 0.000 | | | | | 0.013 | 0.012 | 0.001 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W04ABK71421 | LW-71 | 0.000 | | | | | 0.024 | 0.024 | | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | | | | | | |
| W01ABK071521 | LW-71 | 0.000 | | | | | 0.012 | 0.012 | | | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | | | | | | |
| W02ABK71521 | LW-71 | 0.000 | | | | | 0.081 | 0.081 | | | | | NO | NO | YES | NO | NO | YES | NO | YES | NO | | | | | | |
| W03ABK71521 | LW-71 | 0.000 | | | | | 0.006 | 0.006 | | | | | NO | NO | YES | NO | NO | YES | YES | NO | NO | | | | | | |

| Wetland Number | Panel ID | Pre-Mining Size by Cowardin | | | | | Post-Mining Size by Cowardin | | | | | Chapter 105 | | Primary Wetland Function | | | | | | | | Anticipated | | Type of | | Mitigation | | | | | |
|----------------|----------|-----------------------------|--------|-------|-------|-------|------------------------------|--------|-------|-------|-------|-------------|-------|--------------------------|------------|---------------|----------------|---------------|----------------------|------------|-------|-------------|-----|------------|------------|--------------|--------------------------|--|--|--|--|
| | | Total Acres | PEM | PSS | PFO | POW | Total Acres | PEM | PSS | PFO | POW | EV | Other | General Habitat | Study Area | Flood Storage | Discharge Area | Recharge Area | Pollution Prevention | Recreation | Other | No | Yes | Dewatering | Inundation | Gate Cutting | Compensatory Replacement | | | | |
| W04ABK71521 | LW-71 | 0.000 | | | | | 0.091 | 0.091 | | | | NO | NO | NO | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | |
| W01ABK071921 | LW-71 | 0.000 | | | | | 1.022 | 1.022 | | | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | |
| W01TRG71921 | LW-71 | 0.000 | | | | | 0.020 | 0.020 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W01ABK072021 | LW-71 | 0.000 | | | | | 0.019 | 0.019 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | |
| W01TRG72021 | LW-72 | 0.000 | | | | | 0.007 | 0.007 | | | | NO | NO | NO | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | |
| W02ABK072021 | LW-71 | 0.000 | | | | | 0.101 | 0.096 | 0.005 | | | NO | NO | YES | NO | YES | YES | NO | NO | NO | NO | | | | | | | | | | |
| W03ABK072021 | LW-71 | 0.000 | | | | | 0.089 | 0.076 | 0.004 | 0.009 | | NO | NO | YES | NO | YES | YES | YES | YES | NO | NO | | | | | | | | | | |
| W01ABK072121 | LW-72 | 0.000 | | | | | 0.024 | 0.024 | | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W02ABK072121 | LW-72 | 0.000 | | | | | 0.019 | 0.018 | 0.001 | | | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W03ABK072121 | LW-72 | 0.000 | | | | | 0.159 | 0.095 | 0.032 | 0.032 | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | | | | |
| W01ABK080921 | LW-72 | 0.000 | | | | | 0.114 | 0.114 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W01TRG080921 | LW-72 | 0.000 | | | | | 0.046 | 0.041 | 0.005 | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | | |
| W02ABK080921 | LW-72 | 0.000 | | | | | 0.034 | 0.029 | 0.005 | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | |
| W02TRG080921 | LW-72 | 0.000 | | | | | 0.007 | 0.006 | 0.001 | | | NO | NO | NO | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | | |
| W03ABK080921 | LW-72 | 0.000 | | | | | 0.013 | 0.010 | 0.002 | 0.001 | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | | |
| W03TRG080921 | LW-72 | 0.000 | | | | | 0.060 | 0.054 | 0.006 | | | NO | NO | YES | NO | YES | YES | YES | NO | NO | NO | | | | | | | | | | |
| W04TRG080921 | LW-72 | 0.000 | | | | | 0.162 | 0.105 | 0.033 | 0.024 | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | | | | |
| W01ABK081121 | LW-72 | 0.000 | | | | | 0.006 | 0.005 | 0.001 | | | NO | NO | YES | NO | NO | YES | YES | YES | NO | NO | | | | | | | | | | |
| W01ABK081221 | LW-72 | 0.000 | | | | | 0.050 | 0.045 | 0.005 | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W02ABK081221 | LW-72 | 0.000 | | | | | 0.036 | 0.036 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W01ABK081721 | LW-72 | 0.000 | | | | | 0.052 | 0.052 | | | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | |
| W01TRG081721 | LW-72 | 0.000 | | | | | 0.035 | 0.035 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W02ABK081721 | LW-72 | 0.000 | | | | | 0.053 | 0.048 | 0.005 | | | NO | NO | YES | NO | YES | NO | YES | NO | NO | NO | | | | | | | | | | |
| W02TRG081721 | LW-72 | 0.000 | | | | | 0.014 | 0.014 | | | | NO | NO | YES | NO | NO | YES | NO | NO | NO | NO | | | | | | | | | | |
| W03ABK081721 | LW-72 | 0.000 | | | | | 0.134 | 0.134 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| W04ABK081721 | LW-72 | 0.000 | | | | | 0.052 | 0.037 | 0.010 | 0.005 | | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | | | | | | | | | | |
| W01TRF070822 | LW-71 | 0.000 | | | | | 0.057 | 0.057 | | | | NO | NO | YES | NO | NO | NO | NO | NO | NO | NO | | | | | | | | | | |
| | | 13.606 | 13.043 | 0.213 | 0.146 | 0.204 | 24.773 | 23.336 | 0.764 | 0.437 | 0.236 | | | | | | | | | | | | | | | | | | | | |
| | | 13.606 | | | | | 24.773 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | + | 11.167 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |