

ACUERDO por el que se da a conocer el resumen del Programa de Manejo del Area Natural Protegida con el carácter de Area de Protección de Flora y Fauna Cañón de Santa Elena.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Medio Ambiente y Recursos Naturales.

JUAN RAFAEL ELVIRA QUESADA, Secretario de Medio Ambiente y Recursos Naturales, con fundamento en lo dispuesto por los artículos 32 bis, fracción VII, de la Ley Orgánica de la Administración Pública Federal; 66, último párrafo, de la Ley General del Equilibrio Ecológico y la Protección al Ambiente; 76 de su Reglamento en Materia de Areas Naturales Protegidas y 5o., fracción XXV, del Reglamento Interior de la Secretaría de Medio Ambiente y Recursos Naturales, y

CONSIDERANDO

Que la Comisión Nacional de Areas Naturales Protegidas, en términos de lo dispuesto por el artículo 66 de la Ley General del Equilibrio Ecológico y la Protección al Ambiente, ha concluido la elaboración del Programa de Manejo del Area Natural Protegida con el carácter de Area de Protección de Flora y Fauna Cañón de Santa Elena, ubicada en los municipios de Manuel Benavides y Ojinaga, Chihuahua, creada mediante Decreto Presidencial publicado en el Diario Oficial de la Federación el 7 de noviembre de 1994.

Que el artículo 66, último párrafo de la Ley General del Equilibrio Ecológico y la Protección al Ambiente ordena que la Secretaría de Medio Ambiente y Recursos Naturales publique en el Diario Oficial de la Federación un resumen del programa de manejo respectivo y el plano de localización del Area Natural Protegida correspondiente, por lo que he tenido a bien expedir el siguiente:

**ACUERDO POR EL QUE SE DA A CONOCER EL RESUMEN DEL PROGRAMA DE MANEJO
DEL AREA NATURAL PROTEGIDA CON EL CARACTER DE AREA DE PROTECCION
DE FLORA Y FAUNA CAÑON DE SANTA ELENA**

ARTICULO UNICO.- Se da a conocer el Resumen del Programa de Manejo del Area Natural Protegida con el carácter de Area de Protección de Flora y Fauna Cañón de Santa Elena, ubicada en los municipios de Manuel Benavides y Ojinaga, Estado de Chihuahua, cuyo Resumen, que incluye el plano de localización de dicha Area Natural Protegida, se anexa al presente para que surta los efectos legales a que haya lugar.

Dicho Programa de Manejo se encuentra a disposición para su consulta en las oficinas de la Comisión Nacional de Areas Naturales Protegidas, ubicadas en Camino al Ajusco número 200, 3er. piso, colonia Jardines en la Montaña, Delegación Tlalpan, código postal 14210, en la Ciudad de México, Distrito Federal; en las oficinas de la Dirección Regional Noreste y Sierra Madre Oriental, ubicadas en avenida Jesús Acuña Narro número 336, colonia República Poniente, código postal 22265, Saltillo, Coahuila, y en las oficinas de la Delegación Federal de la propia Secretaría en el Estado de Chihuahua, ubicadas en Medicina número 1118 Planta Alta, colonia Magisterial, código postal 31240, Chihuahua, Chihuahua.

TRANSITORIO

UNICO.- El presente Acuerdo y su anexo entrarán en vigor al día siguiente de su publicación en el Diario Oficial de la Federación.

Dado en la Ciudad de México, Distrito Federal, a los veintiocho días del mes de mayo de dos mil doce.- El Secretario de Medio Ambiente y Recursos Naturales, **Juan Rafael Elvira Quesada.-** Rúbrica.

ANEXO

RESUMEN DEL PROGRAMA DE MANEJO DEL AREA DE PROTECCION DE FLORA Y FAUNA CAÑON DE SANTA ELENA

El Area de Protección de Flora y Fauna Cañón de Santa Elena se estableció mediante Decreto Presidencial publicado en el Diario Oficial de la Federación el 7 de noviembre de 1994, con una superficie de 277,209-72-12.5 hectáreas. El Area de Protección de Flora y Fauna Cañón de Santa Elena, constituye una extensión representativa del Desierto Chihuahuense, presenta un gran contraste de ecosistemas que incluyen áreas de serranías, pastizales, cañones y lomeríos con vegetación xerófila.

OBJETIVOS GENERAL Y ESPECIFICOS DEL PROGRAMA DE MANEJO

OBJETIVO GENERAL

Constituir el instrumento rector de planeación y regulación que establece las actividades, acciones y lineamientos básicos para el manejo y la administración del Area de Protección de Flora y Fauna Cañón de Santa Elena.

OBJETIVOS ESPECIFICOS

Protección.- Favorecer la permanencia y conservación de la diversidad biológica del Area de Protección de Flora y Fauna Cañón de Santa Elena, a través del establecimiento y promoción de un conjunto de políticas y medidas para mejorar el ambiente y controlar el deterioro de los ecosistemas.

Manejo.- Establecer políticas, estrategias y programas, con el fin de determinar actividades y acciones orientadas al cumplimiento de los objetivos de conservación, protección, restauración, capacitación, educación y aprovechamiento sustentable del Area de Protección de Flora y Fauna Cañón de Santa Elena, a través de proyectos alternativos y la promoción de actividades de desarrollo sustentable.

Restauración.- Recuperar y restablecer las condiciones ecológicas, permitiendo la continuidad de los procesos naturales en los ecosistemas del Area de Protección de Flora y Fauna Cañón de Santa Elena.

Conocimiento.- Generar, rescatar y divulgar conocimientos, prácticas y tecnologías, tradicionales o nuevas que permitan la preservación, la toma de decisiones y el aprovechamiento sustentable de la biodiversidad del Area de Protección de Flora y Fauna Cañón de Santa Elena.

Cultura.- Difundir acciones de conservación del Area de Protección de Flora y Fauna Cañón de Santa Elena, propiciando la participación activa de las comunidades rurales que generen la valoración de los servicios ambientales, mediante la identidad, difusión y educación para la conservación de la biodiversidad que contiene.

Gestión.- Establecer las formas en que se organizará la administración del Area de Protección de Flora y Fauna Cañón de Santa Elena por parte de la autoridad competente, así como los mecanismos de participación de los tres órdenes de gobierno, de los individuos y comunidades aledañas a la misma, así como de todas aquellas personas, instituciones, grupos y organizaciones sociales interesadas en su conservación y aprovechamiento sustentable.

DELIMITACION, EXTENSION Y UBICACION DE LAS SUBZONAS

Zonificación y Subzonificación

De conformidad con lo establecido en la fracción XXXVIII del Artículo 3 de la Ley General del Equilibrio Ecológico y la Protección al Ambiente, la zonificación es el instrumento técnico de planeación que puede ser utilizado en el establecimiento de las áreas naturales protegidas, que permite ordenar su territorio en función del grado de conservación y representatividad de sus ecosistemas, la vocación natural del terreno, de su uso actual y potencial, de conformidad con los objetivos dispuestos en la misma declaratoria. Asimismo, existirá una subzonificación, la cual consiste en el instrumento técnico y dinámico de planeación, que se establecerá en el programa de manejo respectivo, y que es utilizado en el manejo de las áreas naturales protegidas.

Criterios de subzonificación

Para establecer la subzonificación del Area de Protección de Flora y Fauna Cañón de Santa Elena, se tomaron en cuenta los siguientes criterios:

Ecológicos: se consideran los ecosistemas con énfasis en las áreas ocupadas por las especies de importancia ecológica, por sus actividades de reproducción, alimentación o anidación.

De uso: corresponden a las necesidades de uso para las actividades productivas; agricultura, minería, turismo, investigación, necesidades de protección, núcleos de población, uso actual y potencial del suelo del Area de Protección de Flora y Fauna Cañón de Santa Elena.

Ambientales: implican la definición de espacios geográficos con potenciales para la conservación, uso o restauración; se considera la problemática señalada en el diagnóstico y se aprovechan las fuentes de información geográfica.

Metodología

La subzonificación del Área de Protección de Flora y Fauna, se obtuvo a partir de un proceso de análisis de aspectos geofísicos, ambientales y socioeconómicos con el apoyo de un sistema de información geográfica (SIG).

En primer lugar, se realizó la caracterización del área natural protegida, así como un diagnóstico de la situación y la problemática ambiental que son parte integral del programa de manejo, a partir de los cuales derivó la propuesta de subzonificación.

Se utilizó el método de sobreposición cartográfica, realizado en dos pasos, el primero consistió en la sobreposición de las capas temáticas de geología, fisiografía, edafología, uso de suelo y vegetación a escala 1:250,000, y la carta de clima, la cual fue a una escala 1:1,000,000. Dichas capas fueron integradas en un SIG, bajo la plataforma ArcView 3.3 en un proyección cartográfica Universal Transversa de Mercator (UTM), Datum Horizontal WGS84, Zona UTM 13N. Lo anterior permitió definir rasgos geográficos y patrones espaciales similares, obteniendo así las unidades del paisaje. La segunda parte, incluyó las variables ambientales, grados de conservación, capa uso de suelo y vegetación, tasa de transformación, capa de delimitaciones de zonas de pastoreo, capa de delimitación de zonas agrícolas y aptitud del uso del suelo, mismas que ayudaron a discriminar los rasgos relevantes que fueron comparados con los objetivos de protección, manejo y recuperación de conformidad con la categoría de protección del Área de Protección de Flora y Fauna Cañón de Santa Elena, y los artículos 47 BIS y 47 BIS 1 de la Ley General del Equilibrio Ecológico y la Protección al Ambiente.

Subzonas y políticas de manejo

Para el desarrollo del presente apartado es importante señalar que de acuerdo al Decreto de creación del Área de Protección de Flora y Fauna Cañón de Santa Elena, publicado en el Diario Oficial de la Federación el 7 de noviembre de 1994, únicamente prevé un polígono general sin establecer una zonificación primaria, es decir no se incluye zona de amortiguamiento ni zona núcleo.

En tal virtud, con sustento en lo señalado en el artículo 47 BIS 1, segundo párrafo de la Ley General del Equilibrio Ecológico y la Protección al Ambiente, que establece que en caso de que las declaratorias sólo prevean un polígono general, como es el caso, éste podrá subdividirse por una o más subzonas previstas para las zonas de amortiguamiento. Por lo cual las subzonas planteadas en el presente programa de manejo corresponden exclusivamente a las de zona de amortiguamiento, cuya principal función es la de orientar a que las actividades de aprovechamiento, que ahí se lleven a cabo, se conduzcan hacia el desarrollo sustentable, creando al mismo tiempo las condiciones necesarias para lograr la conservación de los ecosistemas a largo plazo, es por ello que se asignaron las categorías de subzonificación que se describen en este instrumento.

La subzonificación para el manejo del Área de Protección de Flora y Fauna Cañón de Santa Elena es la siguiente:

- SUBZONA DE PRESERVACION "SIERRA RICA".
- SUBZONA DE APROVECHAMIENTO SUSTENTABLE DE LOS ECOSISTEMAS "MESETAS, LOMERIOS Y CAÑADAS".
- SUBZONA DE APROVECHAMIENTO SUSTENTABLE DE LOS ECOSISTEMAS "VALLES INTERMONTANOS".
- SUBZONA DE USO PUBLICO.
- SUBZONA DE ASENTAMIENTOS HUMANOS.

SUBZONA DE PRESERVACION "SIERRA RICA"

Esta subzona abarca una superficie total de 4,464.48727 hectáreas, comprende un polígono. Delimita superficies de la Sierra Rica, esta superficie tiene como característica un buen estado de conservación de los recursos naturales y contiene ecosistemas relevantes o frágiles o fenómenos naturales relevantes, en las que el desarrollo de actividades requiere de un manejo específico, para lograr su adecuada preservación.

Es un área de sierras altas con aproximadamente 2,600 metros sobre el nivel del mar, consideradas relevantes para el mantenimiento de procesos ecológicos clave, como la fijación de carbono y la captación de agua que alimenta los ríos que existen en el Área de Protección de Flora y Fauna Cañón de Santa Elena, además de ser consideradas de importancia para la conservación de la biodiversidad, ya que representan una oportunidad para la protección de especies como: pasto liendrilla (*Muhlenbergia* spp.) y pastos del género *Bouteloua* que se encuentran categoría de riesgo, de acuerdo a la Norma Oficial Mexicana NOM-059-SEMARNAT-2010, Protección ambiental-Especies nativas de México de flora y fauna silvestres-Categorías de riesgo y especificaciones para su inclusión, exclusión o cambio-Lista de especies en riesgo, como son el halcón peregrino (*Falco peregrinus*), águila real (*Aquila chrysaetos*), oso negro (*Ursus americanus*), cactáceas (*Lophophora williamsii*, *Epithelantha micromeris*), entre otras especies; asimismo, en esta subzona se encuentran los últimos fragmentos de bosques de pino (*Pinus remota* y *P. cembroides*) y encino blanco (*Quercus grisea* y *Q. arizonica*).

Las actividades permitidas y no permitidas en esta subzona se indican en el siguiente cuadro:

| SUBZONA DE PRESERVACION “SIERRA RICA” | |
|---|---|
| PERMITIDAS | NO PERMITIDAS |
| <ol style="list-style-type: none"> 1. Actividades productivas de bajo impacto ambiental¹ 2. Educación ambiental 3. Establecimiento de UMA con fines de recuperación y repoblación de la vida silvestre 4. Colecta científica² 5. Colecta científica³ 6. Investigación científica y monitoreo ambiental 7. Filmaciones, actividades de fotografía, captura de imágenes o sonidos, con fines científicos, culturales o educativos | <ol style="list-style-type: none"> 1. Agricultura 2. Alterar o destruir por cualquier medio o acción los sitios de alimentación, anidación, refugio o reproducción de especies silvestres 3. Alterar o extraer artefactos arqueológicos o vestigios culturales 4. Apertura de bancos de material 5. Apertura de nuevas brechas, senderos y caminos 6. Aprovechamiento forestal 7. Arrojar, verter o descargar desechos o cualquier tipo de material o sustancia nociva, en el suelo, subsuelo y cuerpos de agua 8. Construir nueva infraestructura 9. Crear nuevos centros de población 10. Dejar materiales que impliquen riesgo de incendios para el área natural protegida 11. Encender fogatas y hornillas de cualquier tipo fuera de los sitios expresamente destinados para ello, así como el uso inadecuado e irresponsable del fuego 12. Establecimiento de viveros 13. Exploración y explotación de minerales 14. Ganadería 15. Introducir especies de flora y fauna exóticas⁴ 16. Liberar especies domésticas que se tornen ferales o perjudiciales 17. Modificar las condiciones naturales de los acuíferos, cuencas hidrológicas, cauces naturales de corrientes, manantiales, riberas y vasos existentes 18. Molestar, dañar, extraer, retener, coleccionar o apropiarse de vida silvestre y sus productos, salvo para las actividades de investigación y colecta científica 19. Turismo 20. Usar explosivos 21. Uso de lámparas o cualquier otra fuente de luz para el aprovechamiento u observación de ejemplares de vida silvestre, salvo para actividades científicas que así lo requieran |
| <p>¹ Consistentes en campismo y ciclismo de montaña en sitios y rutas previamente establecidas por la Dirección del Área, paseos a caballo y caminatas por senderos para observación de flora y fauna.</p> <p>² Conforme a lo previsto por el artículo 2o., fracción VI del Reglamento de la Ley General de Vida Silvestre.</p> <p>³ Conforme a lo previsto por el artículo 2o., fracción VII del Reglamento de la Ley General de Desarrollo Forestal Sustentable.</p> <p>⁴ Conforme a lo establecido en las fracciones XIII y XVII del artículo 3o. de la Ley General de Vida Silvestre.</p> | |

SUBZONA DE APROVECHAMIENTO SUSTENTABLE DE LOS ECOSISTEMAS “MESETAS, LOMERIOS Y CAÑADAS”

Esta subzona abarca una superficie de 87,528.79564 hectáreas, integrada por seis polígonos, que incluyen corredores montañosos con lomeríos, mesetas y cañadas en donde la vegetación predominante corresponde a matorrales xerófilos, rosetófilos, pastizales y vegetación ribereña. Estos corredores montañosos son sitios de refugio y alimentación de especies de fauna como: puma (*Puma concolor*); gato montés (*Linx rufus*); zorra gris (*Urocyon cinereoargenteus*); coyote (*Canis latrans*); venado bura (*Odocoileus hemionus*); pequeños mamíferos (*Spermophilus* spp., *Chaetodipus* spp., *Peroyscus* spp.); aves rapaces (*Falco* spp., *Accipiter* spp., *Buteo* spp.) y reptiles (*Crotalus* spp., *Sceloporus* spp., *Pituophis* spp.).

Es una superficie considerada de importancia económica para la región ya que soporta elementos de vegetación aprovechables para uso doméstico o aprovechamiento comercial como la candelilla, sotol, orégano y plantas medicinales; asimismo, favorece el desarrollo de actividades de manejo pecuario en estricto apego a la capacidad de carga del terreno. Sin embargo, debido a lo accidentado del terreno, el pastoreo no ocurre durante todo el año por lo que la cubierta vegetal se conserva en buen estado y mantiene su funcionalidad como hábitat para la fauna silvestre.

Las actividades permitidas y no permitidas en esta subzona se indican en el siguiente cuadro:

| SUBZONA DE APROVECHAMIENTO SUSTENTABLE DE LOS ECOSISTEMAS “MESETAS, LOMERIOS Y CAÑADAS” | |
|--|--|
| PERMITIDAS | NO PERMITIDAS |
| <ol style="list-style-type: none"> 1. Aprovechamiento forestal no maderable 2. Colecta Científica¹ 3. Colecta Científica² 4. Construcción de Infraestructura de apoyo a las actividades de investigación científica, educación ambiental y turismo de bajo impacto ambiental³ 5. Educación ambiental 6. Establecimiento de UMA 7. Ganadería⁴ 8. Investigación científica y monitoreo del ambiente 9. Filmaciones, fotografías, captura de imágenes y sonidos 10. Mantenimiento de caminos existentes 11. Turismo de bajo impacto ambiental⁵ | <ol style="list-style-type: none"> 1. Agricultura 2. Alterar o destruir por cualquier medio o acción los sitios de alimentación, anidación, refugio o reproducción de especies silvestres 3. Alterar o extraer artefactos arqueológicos o vestigios culturales 4. Apertura de bancos de material 5. Apertura de nuevas brechas, senderos y caminos 6. Aprovechamiento forestal maderable 7. Arrojar, verter o descargar desechos o cualquier tipo de material o sustancia nociva, en el suelo, subsuelo y cuerpos de agua 8. Construir nueva infraestructura, salvo para apoyo a las actividades de investigación científica, educación ambiental y turismo de bajo impacto ambiental 9. Crear nuevos centros de población 10. Dejar materiales que impliquen riesgo de incendios para el área natural protegida 11. Encender fogatas y hornillas de cualquier tipo, así como el uso inadecuado e irresponsable del fuego 12. Exploración y explotación de minerales 13. Introducir especies de flora y fauna exóticas⁶ 14. Liberar especies domésticas que se tornen ferales o perjudiciales 15. Modificar las condiciones naturales de los acuíferos, cuencas hidrológicas, cauces naturales de corrientes, manantiales, riberas y vasos existentes 16. Molestar, dañar, extraer, retener, coleccionar o apropiarse de vida silvestre y sus productos, salvo para actividades de investigación y colecta científica 17. Usar explosivos 18. Uso de lámparas o cualquier otra fuente de luz para el aprovechamiento u observación de ejemplares de vida silvestre, salvo para actividades de colecta científica que así lo requieran |
| <p>¹ Conforme a lo previsto por el artículo 2o., fracción VI del Reglamento de la Ley General de Vida Silvestre.</p> <p>² Conforme a lo previsto por el artículo 2o., fracción VII del Reglamento de la Ley General de Desarrollo Forestal Sustentable.</p> <p>³ Utilizando preferentemente ecotécnicas y materiales tradiciones de construcción propios de la región.</p> <p>⁴ En estricto apego a la capacidad de carga del terreno y manteniendo la funcionalidad del ecosistema.</p> <p>⁵ Consistentes en campismo y ciclismo de montaña en sitios y rutas previamente establecidas por la Dirección del Área, paseos a caballo y caminatas por senderos para observación de flora y fauna.</p> <p>⁶ Conforme a lo establecido en las fracciones XIII y XVII del artículo 3o. de la Ley General de Vida Silvestre.</p> | |

SUBZONA DE APROVECHAMIENTO SUSTENTABLE DE LOS ECOSISTEMAS “VALLES INTERMONTANOS”

Esta subzona abarca una superficie de 184,103.63374 hectáreas, comprendida en un polígono. Corresponde a valles intermontanos y algunos lomeríos que soportan matorrales micrófilos, pastizal y vegetación ribereña en cañadas y arroyos. En esta subzona se realizan actividades agrícolas de temporal, con excepción de las tierras de la comunidad El Mulato que cuentan con riego, y ganaderas de baja intensidad que se llevan a cabo en predios los cuales cuentan con aptitud para este fin.

En esta subzona la actividad agrícola se lleva cabo en pequeñas parcelas ubicadas, de manera estratégica, en rinconadas, valles con escorrentías y en las orillas de arroyos. Los principales cultivos son maíz criollo, frijol, calabaza, sandía y algunos cultivos de otoño como avena. Particularmente en la comunidad de El Mulato, se cultiva alfalfa, avena y trigo. Con relación a las actividades pecuarias, éstas se realizan bajo un sistema de libre pastoreo de ganado vacuno, caprino y caballar, sin temporadas de apacentamiento en parajes definidos y durante todo el año, lo que ocasiona la inexistencia de un buen sistema de manejo sanitario, reproductivo y de manejo del pastizal por lo que es necesaria la implementación de esquemas de producción que se orienten hacia la sustentabilidad.

La actividad ganadera que se ha venido desarrollando podrá continuar siempre que no rebase la capacidad de carga del ecosistema y se tomen las acciones para aplicar criterios de aprovechamiento sustentable, así mismo, las actividades agrícolas se mantendrán sin ampliar la frontera agrícola actual.

Las actividades permitidas y no permitidas en esta subzona se indican en el siguiente cuadro:

| SUBZONA DE APROVECHAMIENTO SUSTENTABLE DE LOS ECOSISTEMAS “VALLES INTERMONTANOS” | |
|--|---|
| PERMITIDAS | NO PERMITIDAS |
| 1. Aprovechamiento forestal no maderable | 1. Alterar o extraer artefactos arqueológicos o vestigios culturales |
| 2. Aprovechamiento de materiales pétreos | 2. Apertura de nuevas brechas, senderos y caminos |
| 3. Agricultura | 3. Aprovechamiento forestal maderable |
| 4. Colecta Científica ¹ | 4. Arrojar, verter o descargar desechos o cualquier tipo de material o sustancia nociva, en el suelo, subsuelo y cuerpos de agua |
| 5. Colecta Científica ² | 5. Construir nueva infraestructura, salvo para de las actividades de investigación científica, educación ambiental y turismo de bajo impacto ambiental |
| 6. Construcción de infraestructura de apoyo a las actividades de investigación científica, educación ambiental y turismo de bajo impacto ambiental ³ | 6. Crear nuevos centros de población. |
| 7. Educación ambiental | 7. Dejar materiales que impliquen riesgo de incendios para el área natural protegida |
| 8. Establecimiento de UMA | 8. Destruir por cualquier medio o acción los sitios de alimentación, anidación, refugio o reproducción de especies silvestres |
| 9. Ganadería | 9. El uso de lámparas o cualquier otra fuente de luz para el aprovechamiento u observación de ejemplares de vida silvestre, salvo para actividades de investigación y colecta científica que así lo requieran |
| 10. Investigación científica y monitoreo del ambiente | 10. El uso inadecuado e irresponsable del fuego |
| 11. Filmaciones, fotografías, captura de imágenes y sonidos | 11. Exploración y explotación de minerales |
| 12. Mantenimiento de caminos existentes | 12. Introducir especies de flora y fauna exóticas ⁵ |
| 13. Turismo de bajo impacto ambiental ⁴ | 13. Liberar especies domésticas que se tornen ferales o perjudiciales |
| | 14. Modificar las condiciones naturales de los acuíferos, cuencas hidrológicas, cauces naturales de corrientes, manantiales, riberas y vasos existentes |
| | 15. Molestar, dañar, extraer, retener, coleccionar o apropiarse de vida silvestre y sus productos, salvo en actividades de investigación y colecta científica |
| | 16. Usar explosivos |
| <p>¹ Conforme a lo previsto por el artículo 2o., fracción VI del Reglamento de la Ley General de Vida Silvestre.</p> <p>² Conforme a lo previsto por el artículo 2o., fracción VII del Reglamento de la Ley General de Desarrollo Forestal Sustentable.</p> <p>³ Utilizando ecotécnicas y materiales tradicionales de construcción propios de la región y acordes con el entorno natural.</p> <p>⁴ Consistentes en campismo y ciclismo de montaña en sitios y rutas previamente establecidas por la Dirección del Área, paseos a caballo y caminatas por senderos para observación de flora y fauna.</p> <p>⁵ Conforme a lo establecido en las fracciones XIII y XVII del artículo 3o. de la Ley General de Vida Silvestre.</p> | |

SUBZONA DE USO PUBLICO

Cubre una superficie de 124.21552 hectáreas, comprende cuatro polígonos correspondientes a los sitios conocidos como cañón de San Carlos, cañón Las Pilas, presa La Escondida, y presa La Retirada. Presenta atractivos naturales para la realización de actividades de recreación y esparcimiento. Las actividades turísticas y recreativas incluyen campismo, paseos a caballo, observación de aves como gavilán de cola roja, gavilán rastrero, halcón de cola rayada, halcón peregrino, águila real, correcaminos, papamoscas bermellón, colorín, mosquero negro, actividades de venta de artesanías y alimentos, pesca deportivo recreativa, kayak y canotaje.

Las actividades permitidas y no permitidas en esta subzona se indican en el siguiente cuadro:

| SUBZONA DE USO PUBLICO | |
|--|--|
| PERMITIDAS | NO PERMITIDAS |
| 1. Apertura y mantenimiento de senderos interpretativos | 1. Agricultura |
| 2. Colecta científica ¹ | 2. Alterar o destruir por cualquier medio o acción los sitios de alimentación, anidación, refugio o reproducción de especies silvestres |
| 3. Colecta científica ² | 3. Alterar o extraer artefactos arqueológicos o vestigios culturales |
| 4. Construcción y mantenimiento de Infraestructura de apoyo a las actividades de investigación científica, educación ambiental, turismo y turismo de bajo impacto ambiental ³ | 4. Apertura de bancos de material |
| 5. Educación ambiental | 5. Aprovechamiento forestal |
| 6. Encender fogatas y hornillas exclusivamente en los sitios expresamente destinados para ello | 6. Arrojar, verter o descargar desechos o cualquier tipo de material o sustancia nociva, en el suelo, subsuelo y cuerpos de agua |
| 7. Establecimiento de UMA con fines de repoblación, conservación, recreación y reproducción | 7. Crear nuevos centros de población |
| 8. Filmaciones, fotografías, captura de imágenes o sonidos | 8. Dejar materiales que impliquen riesgo de incendios para el área natural protegida |
| 9. Investigación científica y monitoreo del ambiente | 9. El uso de lámparas o cualquier otra fuente de luz para el aprovechamiento u observación de ejemplares de vida silvestre, salvo para actividades de investigación o colecta científicas que así lo requieran |
| 10. Mantenimiento de caminos | 10. Exploración y explotación de minerales |
| 11. Turismo y turismo de bajo impacto ambiental ⁴ | 11. Ganadería |
| 12. Venta de alimentos y artesanías | 12. Introducir especies de flora y fauna exóticas ⁵ |
| | 13. Liberar especies domésticas que se tornen ferales o perjudiciales |
| | 14. Modificar las condiciones naturales de los acuíferos, cuencas hidrológicas, cauces naturales de corrientes, manantiales, riberas y vasos existentes |
| | 15. Molestar, dañar, extraer, retener, coleccionar o apropiarse de vida silvestre y sus productos, salvo para las actividades de investigación y colecta científica |
| | 16. Usar explosivos |

¹ Conforme a lo previsto por el artículo 2o., fracción VI del Reglamento de la Ley General de Vida Silvestre.

² Conforme a lo previsto por el artículo 2o., fracción VII del Reglamento de la Ley General de Desarrollo Forestal Sustentable.

³ Utilizando ecotécnicas y materiales tradicionales de construcción propios de la región y acordes con el entorno natural.

⁴ Consistentes en campismo y ciclismo de montaña en sitios y rutas previamente establecidas por la Dirección del Área, paseos a caballo y caminatas por senderos para observación de flora y fauna.

⁵ Conforme a lo establecido en las fracciones XIII y XVII del artículo 3o. de la Ley General de Vida Silvestre.

SUBZONA DE ASENTAMIENTOS HUMANOS

Comprende una superficie de 988.58908 hectáreas, está constituida por 13 polígonos: Valle Nuevo, Loma de Juárez, El Mulato, Barrio de Los Montoya, La Bolsa; en el Municipio de Ojinaga; Manuel Benavides, Lajitas, Benito Juárez, Paso de San Antonio, Boquilla de San Isidro, Alamos de San Antonio, Altares y Providencia en el Municipio de Manuel Benavides, en donde se ha llevado a cabo una modificación sustancial o desaparición de los ecosistemas originales, debido al desarrollo de asentamientos humanos, previos al establecimiento del área natural protegida.

Las actividades permitidas y no permitidas en esta subzona se indican en el siguiente cuadro:

| SUBZONA DE ASENTAMIENTOS HUMANOS | |
|--|--|
| PERMITIDAS | NO PERMITIDAS |
| 1. Agricultura de traspatio | 1. Arrojar, verter o descargar desechos o cualquier tipo de material o sustancia nociva, en el suelo, subsuelo y cuerpos de agua |
| 2. Apertura y mantenimiento de caminos | 2. Dejar materiales que impliquen riesgo de incendios para el área natural protegida |
| 3. Construcción y mantenimiento de infraestructura | 3. Introducir especies de flora y fauna exóticas ¹ |
| 4. Encender fogatas y hornillas | 4. Liberar especies domésticas que se tornen ferales o perjudiciales |
| 5. Filmaciones, fotografías, captura de imágenes o sonidos | 5. Modificar las condiciones naturales de los acuíferos, cuencas hidrológicas, cauces naturales de corrientes, manantiales, riberas y vasos existentes |
| 6. Ganadería intensiva | |
| 7. Investigación científica y monitoreo del ambiente | |
| 8. Turismo y turismo de bajo impacto ambiental | |

¹ Conforme a lo establecido en las fracciones XIII y XVII del artículo 3o. de la Ley General de Vida Silvestre.

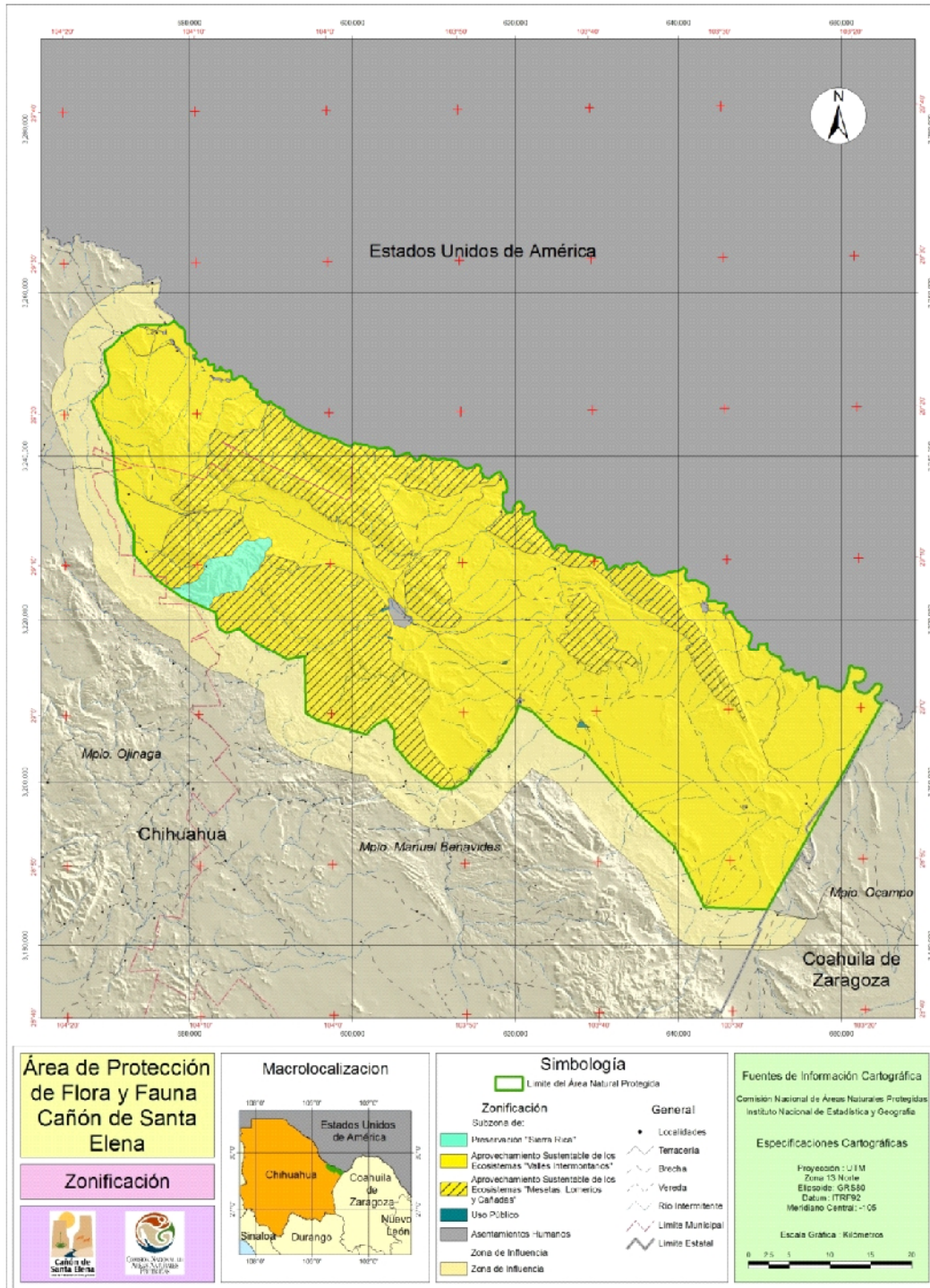
ZONA DE INFLUENCIA

Es una superficie aledaña a la poligonal del Area de Protección de Flora y Fauna Cañón de Santa Elena, que mantiene una estrecha interacción social, económica y ecológica con esta. La zona de influencia comprende una franja de 5 kilómetros de noroeste al sureste del área natural protegida. Se identifican dos partes debido a que ejercen diferente tipo de influencia hacia el área natural protegida: la primera limita al sureste y la segunda que limita al noroeste.

La parte de la zona de influencia que limita al sureste del área natural protegida contempla los límites con la Sierra conocida como "Hechiceros". Ecológicamente tiene gran influencia, ya que contiene elementos orográficos como lomeríos, mesetas y cañadas similares a las del área natural protegida. Aquí el estado de conservación de sus recursos naturales es de bueno a muy bueno, considerando que las actividades productivas que se desarrollan en ella son de ganadería con buen manejo, mantienen cargas animales por debajo de su capacidad máxima y los elementos del hábitat son evidentes, por lo que es fácil identificar cuerpos de agua naturales, cubierta y alimentación para la fauna silvestre representando un corredor biológico con respecto al área de protección de flora y fauna que da refugio a una buena cantidad de especies de fauna clave como oso negro, venado bura y cola blanca, entre otros. Esta condición es de ventaja para el área natural protegida ya que no ejerce presión alguna ni económica ni socialmente sobre ella, incluso puede funcionar bajo los mismos criterios de manejo con que cuenta el Area de Protección de Flora y Fauna Cañón de Santa Elena.

Con relación a la zona de influencia que limita al Noroeste, es más característica de planos desérticos de baja elevación con elementos vegetativos dispersos de matorrales micrófilos. Ecológicamente se considera a esta zona como de baja influencia al Area de Protección de Flora y Fauna Cañón de Santa Elena, ya que su estado de conservación es pobre y por el contrario, ejerce presiones hacia adentro del área natural protegida de tipo social y económicos, debido a la presencia de diversas actividades productivas como la ganadería de libre pastoreo, la agricultura de riego, la recreación y el crecimiento urbano de la ciudad de Ojinaga, Chihuahua. Por lo que es deseable promover en dicha zona el desarrollo de actividades tendientes a la conservación de los ecosistemas.

PLANO DE LOCALIZACION Y SUBZONIFICACION DEL AREA DE PROTECCION DE FLORA Y FAUNA CAÑON DE SANTA ELENA



COORDENADAS DE LOS VERTICES DE LA SUBZONIFICACION DEL AREA DE PROTECCION DE FLORA Y FAUNA CAÑON DE SANTA ELENA

Coordenadas en el sistema UTM Zona 13 con Datum de referencia ITRF92 y un Elipsoide GRS80. Para la construcción de los polígonos se deben de integrar los vértices de todas las categorías, debido a que se presentan uno o varios polígonos dentro de un polígono mayor de diferente categoría

Subzona de Preservación "Sierra Rica"

Polígono 1

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 589,311.86 | 3,227,877.11 |
| 2 | 589,196.08 | 3,227,445.61 |
| 3 | 589,087.30 | 3,227,119.30 |
| 4 | 588,844.65 | 3,226,868.29 |
| 5 | 588,668.93 | 3,226,608.92 |
| 6 | 588,601.99 | 3,226,374.65 |
| 7 | 588,618.72 | 3,226,081.80 |
| 8 | 588,409.53 | 3,225,981.40 |
| 9 | 588,074.84 | 3,225,788.96 |
| 10 | 587,832.18 | 3,225,629.99 |
| 11 | 587,681.57 | 3,225,378.98 |
| 12 | 587,447.28 | 3,225,094.51 |
| 13 | 587,179.51 | 3,224,718.00 |
| 14 | 586,961.96 | 3,224,316.39 |
| 15 | 586,895.01 | 3,223,889.68 |
| 16 | 586,786.24 | 3,223,672.14 |
| 17 | 586,501.74 | 3,223,563.37 |
| 18 | 586,158.68 | 3,223,546.63 |
| 19 | 585,823.98 | 3,223,504.80 |
| 20 | 585,547.86 | 3,223,429.50 |
| 21 | 585,146.22 | 3,223,278.89 |
| 22 | 584,702.75 | 3,223,320.73 |
| 23 | 584,309.48 | 3,223,178.49 |
| 24 | 584,171.40 | 3,223,156.30 |
| 25 | 583,840.91 | 3,223,103.19 |
| 26 | 583,631.72 | 3,222,852.18 |
| 27 | 583,221.72 | 3,222,860.55 |
| 28 | 582,945.59 | 3,222,584.44 |
| 29 | 582,820.08 | 3,222,099.16 |
| 30 | 582,585.79 | 3,221,739.38 |
| 31 | 582,344.13 | 3,221,303.95 |
| 32 | 579,277.01 | 3,222,649.92 |
| 33 | 577,929.63 | 3,223,566.15 |
| 34 | 578,195.29 | 3,223,777.05 |
| 35 | 578,437.34 | 3,223,842.60 |
| 36 | 578,825.63 | 3,223,893.02 |
| 37 | 578,975.59 | 3,224,075.18 |
| 38 | 578,988.59 | 3,224,186.68 |
| 39 | 579,122.53 | 3,224,232.93 |
| 40 | 579,256.78 | 3,224,344.93 |
| 41 | 579,340.72 | 3,224,434.43 |
| 42 | 579,524.69 | 3,224,419.11 |
| 43 | 579,779.39 | 3,224,423.72 |

| Vértice | X | Y |
|---------|------------|--------------|
| 44 | 580,095.43 | 3,224,443.86 |
| 45 | 580,412.43 | 3,224,535.62 |
| 46 | 580,595.97 | 3,224,685.77 |
| 47 | 580,887.95 | 3,224,794.22 |
| 48 | 581,096.50 | 3,224,927.69 |
| 49 | 581,213.30 | 3,225,052.81 |
| 50 | 581,232.94 | 3,225,320.12 |
| 51 | 581,340.94 | 3,225,444.04 |
| 52 | 581,572.93 | 3,225,636.63 |
| 53 | 581,613.73 | 3,225,761.86 |
| 54 | 581,755.56 | 3,225,912.02 |
| 55 | 581,816.93 | 3,226,062.75 |
| 56 | 581,914.06 | 3,226,178.95 |
| 57 | 581,755.56 | 3,226,395.84 |
| 58 | 581,803.60 | 3,226,628.48 |
| 59 | 581,823.70 | 3,226,725.81 |
| 60 | 582,013.16 | 3,227,077.64 |
| 61 | 582,263.52 | 3,227,327.98 |
| 62 | 582,655.97 | 3,227,497.13 |
| 63 | 583,041.65 | 3,227,558.03 |
| 64 | 583,549.13 | 3,227,686.58 |
| 65 | 583,867.14 | 3,227,754.24 |
| 66 | 584,198.69 | 3,227,794.83 |
| 67 | 584,692.64 | 3,227,862.49 |
| 68 | 585,037.72 | 3,227,909.86 |
| 69 | 585,384.47 | 3,227,989.12 |
| 70 | 585,401.15 | 3,228,389.53 |
| 71 | 585,818.27 | 3,228,789.93 |
| 72 | 586,060.20 | 3,229,123.60 |
| 73 | 586,402.24 | 3,229,265.42 |
| 74 | 586,773.90 | 3,229,624.39 |
| 75 | 586,894.43 | 3,229,665.82 |
| 76 | 587,169.34 | 3,229,782.74 |
| 77 | 587,286.11 | 3,229,714.19 |
| 78 | 587,475.06 | 3,229,653.69 |
| 79 | 587,674.41 | 3,229,637.53 |
| 80 | 587,873.66 | 3,229,644.60 |
| 81 | 588,072.88 | 3,229,662.31 |
| 82 | 588,232.83 | 3,229,771.65 |
| 83 | 588,383.07 | 3,229,903.67 |
| 84 | 588,569.20 | 3,229,975.79 |
| 85 | 588,767.33 | 3,229,968.17 |
| 86 | 588,966.66 | 3,229,951.89 |

| Vértice | X | Y |
|---------|------------|--------------|
| 87 | 589,159.40 | 3,229,900.63 |
| 88 | 589,342.29 | 3,229,926.37 |
| 89 | 589,517.87 | 3,230,022.13 |
| 90 | 589,706.77 | 3,230,078.45 |
| 91 | 589,887.20 | 3,229,992.16 |
| 92 | 590,002.19 | 3,229,828.89 |
| 93 | 590,123.03 | 3,229,669.57 |
| 94 | 590,154.92 | 3,229,484.12 |
| 95 | 590,139.42 | 3,229,284.74 |
| 96 | 590,115.65 | 3,229,086.15 |

| Vértice | X | Y |
|---------|------------|--------------|
| 97 | 590,025.55 | 3,228,928.82 |
| 98 | 589,857.95 | 3,228,819.69 |
| 99 | 589,738.32 | 3,228,674.15 |
| 100 | 589,678.30 | 3,228,483.37 |
| 101 | 589,512.44 | 3,228,381.32 |
| 102 | 589,337.97 | 3,228,286.98 |
| 103 | 589,318.07 | 3,228,087.97 |
| 104 | 589,298.16 | 3,227,888.96 |
| 105 | 589,311.86 | 3,227,877.11 |

Subzona de Aprovechamiento Sustentable de los Ecosistemas Mesetas, Lomeríos y Cañadas

Polígono 1

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 589,330.65 | 3,246,570.35 |
| 2 | 589,521.44 | 3,246,510.64 |
| 3 | 589,709.27 | 3,246,553.89 |
| 4 | 589,867.72 | 3,246,673.79 |
| 5 | 590,044.12 | 3,246,656.35 |
| 6 | 590,193.44 | 3,246,523.30 |
| 7 | 590,339.60 | 3,246,387.08 |
| 8 | 590,479.71 | 3,246,245.05 |
| 9 | 590,647.89 | 3,246,139.27 |
| 10 | 590,831.78 | 3,246,061.01 |
| 11 | 591,012.91 | 3,245,976.41 |
| 12 | 591,181.15 | 3,245,868.79 |
| 13 | 591,366.32 | 3,245,797.53 |
| 14 | 591,555.85 | 3,245,738.04 |
| 15 | 591,642.18 | 3,245,594.75 |
| 16 | 591,614.03 | 3,245,396.75 |
| 17 | 591,614.20 | 3,245,197.16 |
| 18 | 591,712.47 | 3,245,030.97 |
| 19 | 591,850.87 | 3,244,889.96 |
| 20 | 592,018.90 | 3,244,781.92 |
| 21 | 592,180.73 | 3,244,664.39 |
| 22 | 592,343.37 | 3,244,548.02 |
| 23 | 592,508.21 | 3,244,434.79 |
| 24 | 592,682.43 | 3,244,336.73 |
| 25 | 592,862.00 | 3,244,248.67 |
| 26 | 593,027.42 | 3,244,137.60 |
| 27 | 593,187.00 | 3,244,017.05 |
| 28 | 593,340.25 | 3,243,888.96 |
| 29 | 593,499.42 | 3,243,770.36 |
| 30 | 593,678.35 | 3,243,681.78 |
| 31 | 593,862.33 | 3,243,603.93 |
| 32 | 594,035.78 | 3,243,504.49 |
| 33 | 594,203.03 | 3,243,394.82 |
| 34 | 594,384.16 | 3,243,314.87 |
| 35 | 594,571.15 | 3,243,243.94 |
| 36 | 594,753.23 | 3,243,161.79 |

| Vértice | X | Y |
|---------|------------|--------------|
| 37 | 594,932.11 | 3,243,072.32 |
| 38 | 595,110.75 | 3,242,982.40 |
| 39 | 595,298.72 | 3,242,936.97 |
| 40 | 595,497.58 | 3,242,926.98 |
| 41 | 595,685.05 | 3,242,866.88 |
| 42 | 595,861.06 | 3,242,771.90 |
| 43 | 596,033.12 | 3,242,669.95 |
| 44 | 596,216.76 | 3,242,590.96 |
| 45 | 596,398.14 | 3,242,512.32 |
| 46 | 596,592.42 | 3,242,464.80 |
| 47 | 596,776.52 | 3,242,393.07 |
| 48 | 596,933.75 | 3,242,270.61 |
| 49 | 597,122.40 | 3,242,223.94 |
| 50 | 597,321.99 | 3,242,230.25 |
| 51 | 597,520.25 | 3,242,203.87 |
| 52 | 597,713.98 | 3,242,158.85 |
| 53 | 597,902.28 | 3,242,091.46 |
| 54 | 598,081.87 | 3,242,003.99 |
| 55 | 598,259.73 | 3,241,912.51 |
| 56 | 598,443.37 | 3,241,833.53 |
| 57 | 598,600.23 | 3,241,710.38 |
| 58 | 598,761.81 | 3,241,595.26 |
| 59 | 598,944.57 | 3,241,514.04 |
| 60 | 599,127.33 | 3,241,432.81 |
| 61 | 599,310.10 | 3,241,351.59 |
| 62 | 599,497.05 | 3,241,283.42 |
| 63 | 599,693.06 | 3,241,256.27 |
| 64 | 599,889.50 | 3,241,293.85 |
| 65 | 600,039.23 | 3,241,396.56 |
| 66 | 600,144.94 | 3,241,565.39 |
| 67 | 600,299.47 | 3,241,620.74 |
| 68 | 600,482.53 | 3,241,540.17 |
| 69 | 600,675.41 | 3,241,517.88 |
| 70 | 600,874.76 | 3,241,533.98 |
| 71 | 601,061.41 | 3,241,466.60 |
| 72 | 601,248.81 | 3,241,397.69 |

| Vértice | X | Y |
|---------|------------|--------------|
| 73 | 601,442.94 | 3,241,349.60 |
| 74 | 601,636.13 | 3,241,367.44 |
| 75 | 601,817.10 | 3,241,351.84 |
| 76 | 601,981.41 | 3,241,237.81 |
| 77 | 602,151.61 | 3,241,144.77 |
| 78 | 602,351.26 | 3,241,156.62 |
| 79 | 602,550.90 | 3,241,168.48 |
| 80 | 602,734.65 | 3,241,101.08 |
| 81 | 602,914.29 | 3,241,013.15 |
| 82 | 603,093.92 | 3,240,925.22 |
| 83 | 603,291.23 | 3,240,916.60 |
| 84 | 603,486.07 | 3,240,950.73 |
| 85 | 603,681.78 | 3,240,978.84 |
| 86 | 603,881.77 | 3,240,980.78 |
| 87 | 604,077.76 | 3,241,020.62 |
| 88 | 604,273.75 | 3,241,060.49 |
| 89 | 604,462.93 | 3,241,024.05 |
| 90 | 604,631.96 | 3,240,922.56 |
| 91 | 604,791.54 | 3,240,802.54 |
| 92 | 604,956.64 | 3,240,689.67 |
| 93 | 605,036.36 | 3,240,531.20 |
| 94 | 605,038.32 | 3,240,331.21 |
| 95 | 605,054.49 | 3,240,134.59 |
| 96 | 605,195.29 | 3,240,029.38 |
| 97 | 605,393.88 | 3,240,005.64 |
| 98 | 605,590.93 | 3,240,005.21 |
| 99 | 605,781.09 | 3,240,066.24 |
| 100 | 605,968.04 | 3,240,137.29 |
| 101 | 606,158.97 | 3,240,196.43 |
| 102 | 606,351.10 | 3,240,252.00 |
| 103 | 606,539.44 | 3,240,319.19 |
| 104 | 606,729.67 | 3,240,373.13 |
| 105 | 606,918.58 | 3,240,339.65 |
| 106 | 607,062.49 | 3,240,200.77 |
| 107 | 607,206.41 | 3,240,061.89 |
| 108 | 607,350.33 | 3,239,923.01 |
| 109 | 607,499.52 | 3,239,789.82 |
| 110 | 607,648.91 | 3,239,656.84 |
| 111 | 607,798.31 | 3,239,523.87 |
| 112 | 607,971.68 | 3,239,460.88 |
| 113 | 608,144.74 | 3,239,554.11 |
| 114 | 608,274.25 | 3,239,703.27 |
| 115 | 608,285.16 | 3,239,902.97 |
| 116 | 608,391.76 | 3,240,042.21 |
| 117 | 608,572.34 | 3,240,120.92 |
| 118 | 608,771.89 | 3,240,134.38 |
| 119 | 608,965.13 | 3,240,099.84 |
| 120 | 609,154.42 | 3,240,035.28 |
| 121 | 609,342.64 | 3,239,968.02 |

| Vértice | X | Y |
|---------|------------|--------------|
| 122 | 609,515.28 | 3,239,871.95 |
| 123 | 609,651.25 | 3,239,725.28 |
| 124 | 609,813.61 | 3,239,616.26 |
| 125 | 609,988.51 | 3,239,713.27 |
| 126 | 610,156.68 | 3,239,755.22 |
| 127 | 610,303.07 | 3,239,618.95 |
| 128 | 610,463.01 | 3,239,534.69 |
| 129 | 610,657.28 | 3,239,582.24 |
| 130 | 610,831.74 | 3,239,677.93 |
| 131 | 611,017.93 | 3,239,742.89 |
| 132 | 611,211.84 | 3,239,743.94 |
| 133 | 611,402.25 | 3,239,682.74 |
| 134 | 611,592.65 | 3,239,621.53 |
| 135 | 611,786.93 | 3,239,574.84 |
| 136 | 611,985.31 | 3,239,560.34 |
| 137 | 612,185.30 | 3,239,561.67 |
| 138 | 612,369.44 | 3,239,499.83 |
| 139 | 612,561.93 | 3,239,452.10 |
| 140 | 612,758.80 | 3,239,416.83 |
| 141 | 612,938.97 | 3,239,347.46 |
| 142 | 612,990.90 | 3,239,154.77 |
| 143 | 613,041.50 | 3,238,961.28 |
| 144 | 613,175.06 | 3,238,823.97 |
| 145 | 613,365.07 | 3,238,764.42 |
| 146 | 613,557.42 | 3,238,709.61 |
| 147 | 613,737.79 | 3,238,624.41 |
| 148 | 613,902.63 | 3,238,513.41 |
| 149 | 614,077.78 | 3,238,447.71 |
| 150 | 614,269.43 | 3,238,499.90 |
| 151 | 614,459.07 | 3,238,563.43 |
| 152 | 614,643.53 | 3,238,640.17 |
| 153 | 614,825.53 | 3,238,723.11 |
| 154 | 614,993.38 | 3,238,830.73 |
| 155 | 615,157.01 | 3,238,945.74 |
| 156 | 615,329.16 | 3,238,920.04 |
| 157 | 615,525.06 | 3,238,879.74 |
| 158 | 615,684.85 | 3,238,786.15 |
| 159 | 615,784.68 | 3,238,613.81 |
| 160 | 615,817.12 | 3,238,428.76 |
| 161 | 615,737.19 | 3,238,245.43 |
| 162 | 615,734.47 | 3,238,061.76 |
| 163 | 615,877.60 | 3,237,927.95 |
| 164 | 615,941.83 | 3,237,741.69 |
| 165 | 615,970.32 | 3,237,543.73 |
| 166 | 616,158.16 | 3,237,475.20 |
| 167 | 616,346.08 | 3,237,406.72 |
| 168 | 616,520.50 | 3,237,310.12 |
| 169 | 616,720.07 | 3,237,296.94 |
| 170 | 616,938.32 | 3,237,358.38 |

| Vértice | X | Y |
|---------|------------|--------------|
| 171 | 616,853.07 | 3,237,196.90 |
| 172 | 616,759.70 | 3,237,020.03 |
| 173 | 616,666.33 | 3,236,843.16 |
| 174 | 616,476.11 | 3,236,807.62 |
| 175 | 616,277.47 | 3,236,784.37 |
| 176 | 616,078.82 | 3,236,761.12 |
| 177 | 615,880.54 | 3,236,735.08 |
| 178 | 615,682.49 | 3,236,707.21 |
| 179 | 615,484.44 | 3,236,679.33 |
| 180 | 615,326.85 | 3,236,566.32 |
| 181 | 615,180.16 | 3,236,430.37 |
| 182 | 615,021.38 | 3,236,325.27 |
| 183 | 614,821.38 | 3,236,325.27 |
| 184 | 614,621.38 | 3,236,325.27 |
| 185 | 614,421.38 | 3,236,325.27 |
| 186 | 614,236.90 | 3,236,250.94 |
| 187 | 614,053.62 | 3,236,170.89 |
| 188 | 613,870.34 | 3,236,090.84 |
| 189 | 613,687.06 | 3,236,010.79 |
| 190 | 613,546.55 | 3,235,880.13 |
| 191 | 613,437.10 | 3,235,712.74 |
| 192 | 613,327.65 | 3,235,545.35 |
| 193 | 613,156.83 | 3,235,462.59 |
| 194 | 612,963.70 | 3,235,410.60 |
| 195 | 612,770.58 | 3,235,358.61 |
| 196 | 612,577.50 | 3,235,306.48 |
| 197 | 612,385.57 | 3,235,250.22 |
| 198 | 612,193.64 | 3,235,193.97 |
| 199 | 612,001.72 | 3,235,137.72 |
| 200 | 611,809.79 | 3,235,081.47 |
| 201 | 611,615.23 | 3,235,043.56 |
| 202 | 611,415.23 | 3,235,043.55 |
| 203 | 611,215.23 | 3,235,043.55 |
| 204 | 611,016.11 | 3,235,059.07 |
| 205 | 610,817.39 | 3,235,081.65 |
| 206 | 610,618.67 | 3,235,104.23 |
| 207 | 610,424.04 | 3,235,145.14 |
| 208 | 610,234.58 | 3,235,209.21 |
| 209 | 610,045.12 | 3,235,273.29 |
| 210 | 609,875.78 | 3,235,377.47 |
| 211 | 609,711.14 | 3,235,491.01 |
| 212 | 609,541.34 | 3,235,594.70 |
| 213 | 609,354.16 | 3,235,665.17 |
| 214 | 609,166.99 | 3,235,735.64 |
| 215 | 608,978.60 | 3,235,802.76 |
| 216 | 608,789.76 | 3,235,868.64 |
| 217 | 608,600.92 | 3,235,934.51 |
| 218 | 608,409.38 | 3,235,987.05 |
| 219 | 608,209.79 | 3,235,999.79 |

| Vértice | X | Y |
|---------|------------|--------------|
| 220 | 608,010.19 | 3,236,012.53 |
| 221 | 607,810.60 | 3,236,025.27 |
| 222 | 607,614.27 | 3,236,059.86 |
| 223 | 607,419.65 | 3,236,105.95 |
| 224 | 607,225.03 | 3,236,152.04 |
| 225 | 607,030.29 | 3,236,197.60 |
| 226 | 606,835.49 | 3,236,242.90 |
| 227 | 606,640.69 | 3,236,288.20 |
| 228 | 606,450.91 | 3,236,347.28 |
| 229 | 606,272.70 | 3,236,438.06 |
| 230 | 606,094.49 | 3,236,528.84 |
| 231 | 605,916.28 | 3,236,619.62 |
| 232 | 605,738.07 | 3,236,710.40 |
| 233 | 605,588.11 | 3,236,839.98 |
| 234 | 605,446.97 | 3,236,981.69 |
| 235 | 605,305.84 | 3,237,123.39 |
| 236 | 605,164.70 | 3,237,265.10 |
| 237 | 604,992.61 | 3,237,345.05 |
| 238 | 604,794.62 | 3,237,373.33 |
| 239 | 604,596.63 | 3,237,401.62 |
| 240 | 604,398.64 | 3,237,429.90 |
| 241 | 604,208.96 | 3,237,377.27 |
| 242 | 604,020.85 | 3,237,309.34 |
| 243 | 603,832.73 | 3,237,241.42 |
| 244 | 603,704.96 | 3,237,090.61 |
| 245 | 603,582.52 | 3,236,932.47 |
| 246 | 603,460.08 | 3,236,774.33 |
| 247 | 603,392.42 | 3,236,586.94 |
| 248 | 603,329.17 | 3,236,397.21 |
| 249 | 603,278.21 | 3,236,204.21 |
| 250 | 603,238.98 | 3,236,008.09 |
| 251 | 603,266.85 | 3,235,819.10 |
| 252 | 603,346.37 | 3,235,635.59 |
| 253 | 603,430.15 | 3,235,454.98 |
| 254 | 603,571.58 | 3,235,313.56 |
| 255 | 603,713.00 | 3,235,172.14 |
| 256 | 603,837.86 | 3,235,019.55 |
| 257 | 603,915.98 | 3,234,835.44 |
| 258 | 603,994.09 | 3,234,651.32 |
| 259 | 604,119.13 | 3,234,506.50 |
| 260 | 604,286.66 | 3,234,397.25 |
| 261 | 604,433.51 | 3,234,266.03 |
| 262 | 604,552.77 | 3,234,105.48 |
| 263 | 604,672.04 | 3,233,944.93 |
| 264 | 604,783.23 | 3,233,780.82 |
| 265 | 604,821.54 | 3,233,584.52 |
| 266 | 604,859.84 | 3,233,388.22 |
| 267 | 604,903.87 | 3,233,193.43 |
| 268 | 604,967.11 | 3,233,003.70 |

| Vértice | X | Y |
|---------|------------|--------------|
| 269 | 605,030.36 | 3,232,813.96 |
| 270 | 605,078.73 | 3,232,619.96 |
| 271 | 605,124.30 | 3,232,425.27 |
| 272 | 605,156.15 | 3,232,227.82 |
| 273 | 605,204.30 | 3,232,037.71 |
| 274 | 605,330.96 | 3,231,882.92 |
| 275 | 605,440.30 | 3,231,717.09 |
| 276 | 605,527.25 | 3,231,536.99 |
| 277 | 605,646.68 | 3,231,382.76 |
| 278 | 605,802.86 | 3,231,257.82 |
| 279 | 605,904.65 | 3,231,087.21 |
| 280 | 606,000.71 | 3,230,911.80 |
| 281 | 606,096.78 | 3,230,736.38 |
| 282 | 606,166.08 | 3,230,548.82 |
| 283 | 606,234.85 | 3,230,361.01 |
| 284 | 606,303.61 | 3,230,173.20 |
| 285 | 606,422.42 | 3,230,017.13 |
| 286 | 606,562.98 | 3,229,874.85 |
| 287 | 606,703.54 | 3,229,732.58 |
| 288 | 606,845.83 | 3,229,592.05 |
| 289 | 606,989.78 | 3,229,453.20 |
| 290 | 607,133.73 | 3,229,314.36 |
| 291 | 607,273.34 | 3,229,173.06 |
| 292 | 607,318.02 | 3,228,978.11 |
| 293 | 607,362.70 | 3,228,783.17 |
| 294 | 607,404.69 | 3,228,588.12 |
| 295 | 607,375.02 | 3,228,390.33 |
| 296 | 607,345.35 | 3,228,192.55 |
| 297 | 607,304.36 | 3,227,997.05 |
| 298 | 607,254.68 | 3,227,803.32 |
| 299 | 607,201.67 | 3,227,610.75 |
| 300 | 607,120.75 | 3,227,427.84 |
| 301 | 607,039.84 | 3,227,244.94 |
| 302 | 606,946.28 | 3,227,072.36 |
| 303 | 606,783.35 | 3,226,956.36 |
| 304 | 606,620.42 | 3,226,840.37 |
| 305 | 606,448.84 | 3,226,737.79 |
| 306 | 606,275.98 | 3,226,637.20 |
| 307 | 606,102.19 | 3,226,538.30 |
| 308 | 605,924.33 | 3,226,446.84 |
| 309 | 605,746.47 | 3,226,355.37 |
| 310 | 605,555.50 | 3,226,299.40 |
| 311 | 605,360.88 | 3,226,253.31 |
| 312 | 605,165.92 | 3,226,208.74 |
| 313 | 604,970.44 | 3,226,166.48 |
| 314 | 604,778.69 | 3,226,138.89 |
| 315 | 604,627.21 | 3,226,269.48 |
| 316 | 604,475.72 | 3,226,400.06 |
| 317 | 604,308.11 | 3,226,507.97 |

| Vértice | X | Y |
|---------|------------|--------------|
| 318 | 604,137.52 | 3,226,612.20 |
| 319 | 603,970.58 | 3,226,722.34 |
| 320 | 603,805.94 | 3,226,835.11 |
| 321 | 603,675.06 | 3,226,986.33 |
| 322 | 603,544.17 | 3,227,137.56 |
| 323 | 603,392.75 | 3,227,266.94 |
| 324 | 603,233.76 | 3,227,388.27 |
| 325 | 603,074.76 | 3,227,509.60 |
| 326 | 602,960.64 | 3,227,671.25 |
| 327 | 602,856.98 | 3,227,842.28 |
| 328 | 602,789.99 | 3,228,025.88 |
| 329 | 602,767.07 | 3,228,224.56 |
| 330 | 602,744.14 | 3,228,423.24 |
| 331 | 602,764.30 | 3,228,606.38 |
| 332 | 602,908.83 | 3,228,744.62 |
| 333 | 602,954.07 | 3,228,871.31 |
| 334 | 602,786.06 | 3,228,978.01 |
| 335 | 602,653.92 | 3,229,128.14 |
| 336 | 602,521.79 | 3,229,278.28 |
| 337 | 602,388.88 | 3,229,427.73 |
| 338 | 602,255.61 | 3,229,576.86 |
| 339 | 602,123.32 | 3,229,726.75 |
| 340 | 602,011.01 | 3,229,892.24 |
| 341 | 601,898.71 | 3,230,057.73 |
| 342 | 601,715.23 | 3,230,135.67 |
| 343 | 601,530.29 | 3,230,211.82 |
| 344 | 601,348.18 | 3,230,294.38 |
| 345 | 601,167.08 | 3,230,379.26 |
| 346 | 601,025.37 | 3,230,510.39 |
| 347 | 600,912.70 | 3,230,675.64 |
| 348 | 600,895.55 | 3,230,873.53 |
| 349 | 600,869.55 | 3,231,070.97 |
| 350 | 600,819.79 | 3,231,264.68 |
| 351 | 600,678.08 | 3,231,279.85 |
| 352 | 600,498.77 | 3,231,230.20 |
| 353 | 600,323.91 | 3,231,291.07 |
| 354 | 600,273.52 | 3,231,469.70 |
| 355 | 600,081.00 | 3,231,451.26 |
| 356 | 599,926.37 | 3,231,553.85 |
| 357 | 599,751.82 | 3,231,466.90 |
| 358 | 599,560.90 | 3,231,477.99 |
| 359 | 599,457.44 | 3,231,625.36 |
| 360 | 599,442.43 | 3,231,821.38 |
| 361 | 599,350.97 | 3,231,947.89 |
| 362 | 599,166.57 | 3,231,961.63 |
| 363 | 599,140.39 | 3,231,765.55 |
| 364 | 598,985.42 | 3,231,683.56 |
| 365 | 598,805.61 | 3,231,660.44 |
| 366 | 598,615.88 | 3,231,709.11 |

| Vértice | X | Y |
|---------|------------|--------------|
| 367 | 598,492.19 | 3,231,850.01 |
| 368 | 598,555.57 | 3,232,030.10 |
| 369 | 598,655.23 | 3,232,187.49 |
| 370 | 598,499.87 | 3,232,113.21 |
| 371 | 598,321.51 | 3,232,090.70 |
| 372 | 598,258.49 | 3,232,270.01 |
| 373 | 598,198.11 | 3,232,455.13 |
| 374 | 598,095.46 | 3,232,587.44 |
| 375 | 598,018.21 | 3,232,739.92 |
| 376 | 598,003.64 | 3,232,546.66 |
| 377 | 598,049.87 | 3,232,354.37 |
| 378 | 598,061.71 | 3,232,158.53 |
| 379 | 598,087.13 | 3,231,961.63 |
| 380 | 597,945.60 | 3,232,006.25 |
| 381 | 597,792.29 | 3,231,979.76 |
| 382 | 597,727.02 | 3,232,167.63 |
| 383 | 597,628.63 | 3,232,130.03 |
| 384 | 597,595.90 | 3,231,934.20 |
| 385 | 597,429.45 | 3,231,965.00 |
| 386 | 597,403.87 | 3,232,135.25 |
| 387 | 597,364.49 | 3,232,324.29 |
| 388 | 597,439.28 | 3,232,506.21 |
| 389 | 597,406.27 | 3,232,582.86 |
| 390 | 597,296.44 | 3,232,429.04 |
| 391 | 597,191.87 | 3,232,261.25 |
| 392 | 597,006.73 | 3,232,226.85 |
| 393 | 596,958.81 | 3,232,411.86 |
| 394 | 597,044.21 | 3,232,587.63 |
| 395 | 596,995.85 | 3,232,649.26 |
| 396 | 596,849.00 | 3,232,517.13 |
| 397 | 596,703.45 | 3,232,598.26 |
| 398 | 596,753.46 | 3,232,789.74 |
| 399 | 596,674.51 | 3,232,956.59 |
| 400 | 596,576.66 | 3,233,061.09 |
| 401 | 596,568.09 | 3,232,868.55 |
| 402 | 596,477.81 | 3,232,744.12 |
| 403 | 596,320.43 | 3,232,866.63 |
| 404 | 596,201.04 | 3,232,989.46 |
| 405 | 596,008.06 | 3,232,994.16 |
| 406 | 595,907.34 | 3,233,155.70 |
| 407 | 595,889.04 | 3,233,350.86 |
| 408 | 595,882.14 | 3,233,549.49 |
| 409 | 595,836.27 | 3,233,728.41 |
| 410 | 595,692.02 | 3,233,619.31 |
| 411 | 595,704.92 | 3,233,421.99 |
| 412 | 595,640.99 | 3,233,248.35 |
| 413 | 595,456.05 | 3,233,317.96 |
| 414 | 595,412.13 | 3,233,499.51 |
| 415 | 595,298.74 | 3,233,571.79 |

| Vértice | X | Y |
|---------|------------|--------------|
| 416 | 595,109.02 | 3,233,608.86 |
| 417 | 594,999.21 | 3,233,769.76 |
| 418 | 595,022.22 | 3,233,966.36 |
| 419 | 594,957.29 | 3,234,138.78 |
| 420 | 594,830.43 | 3,234,264.46 |
| 421 | 594,678.17 | 3,234,312.20 |
| 422 | 594,556.19 | 3,234,423.78 |
| 423 | 594,423.55 | 3,234,544.74 |
| 424 | 594,284.62 | 3,234,668.25 |
| 425 | 594,206.56 | 3,234,804.10 |
| 426 | 594,111.66 | 3,234,854.71 |
| 427 | 593,965.91 | 3,234,800.45 |
| 428 | 593,768.18 | 3,234,782.45 |
| 429 | 593,569.77 | 3,234,773.45 |
| 430 | 593,392.74 | 3,234,796.42 |
| 431 | 593,225.01 | 3,234,831.00 |
| 432 | 593,072.42 | 3,234,928.47 |
| 433 | 592,959.97 | 3,235,082.34 |
| 434 | 592,792.85 | 3,235,178.64 |
| 435 | 592,634.25 | 3,235,121.03 |
| 436 | 592,448.09 | 3,235,175.20 |
| 437 | 592,310.93 | 3,235,307.12 |
| 438 | 592,321.21 | 3,235,502.23 |
| 439 | 592,404.85 | 3,235,682.11 |
| 440 | 592,511.28 | 3,235,847.01 |
| 441 | 592,386.87 | 3,235,846.09 |
| 442 | 592,262.71 | 3,235,709.20 |
| 443 | 592,174.61 | 3,235,639.85 |
| 444 | 592,061.95 | 3,235,517.84 |
| 445 | 591,870.53 | 3,235,571.39 |
| 446 | 591,690.80 | 3,235,617.47 |
| 447 | 591,662.28 | 3,235,809.58 |
| 448 | 591,601.93 | 3,235,860.93 |
| 449 | 591,472.56 | 3,235,715.37 |
| 450 | 591,354.16 | 3,235,852.88 |
| 451 | 591,249.73 | 3,235,831.13 |
| 452 | 591,148.69 | 3,235,951.77 |
| 453 | 590,996.98 | 3,235,914.41 |
| 454 | 590,800.71 | 3,235,922.77 |
| 455 | 590,637.48 | 3,236,007.70 |
| 456 | 590,465.20 | 3,236,046.49 |
| 457 | 590,294.78 | 3,236,135.74 |
| 458 | 590,109.80 | 3,236,196.57 |
| 459 | 589,927.74 | 3,236,266.59 |
| 460 | 589,777.85 | 3,236,388.62 |
| 461 | 589,812.24 | 3,236,574.31 |
| 462 | 589,632.74 | 3,236,494.10 |
| 463 | 589,473.52 | 3,236,573.58 |
| 464 | 589,450.11 | 3,236,730.59 |

| Vértice | X | Y |
|---------|------------|--------------|
| 465 | 589,421.08 | 3,236,908.61 |
| 466 | 589,295.26 | 3,236,790.45 |
| 467 | 589,161.29 | 3,236,936.40 |
| 468 | 589,034.83 | 3,237,088.69 |
| 469 | 588,919.72 | 3,237,127.62 |
| 470 | 588,956.46 | 3,236,934.10 |
| 471 | 588,838.28 | 3,236,880.31 |
| 472 | 588,663.34 | 3,236,969.86 |
| 473 | 588,475.53 | 3,237,000.04 |
| 474 | 588,289.45 | 3,236,995.99 |
| 475 | 588,136.10 | 3,236,916.18 |
| 476 | 587,942.87 | 3,236,928.64 |
| 477 | 587,745.58 | 3,236,944.70 |
| 478 | 587,590.31 | 3,236,983.43 |
| 479 | 587,403.12 | 3,237,022.04 |
| 480 | 587,230.17 | 3,237,019.96 |
| 481 | 587,066.98 | 3,236,948.35 |
| 482 | 586,893.42 | 3,237,036.09 |
| 483 | 586,709.37 | 3,236,997.94 |
| 484 | 586,533.76 | 3,237,023.92 |
| 485 | 586,396.92 | 3,237,001.09 |
| 486 | 586,256.07 | 3,236,921.70 |
| 487 | 586,129.27 | 3,237,045.95 |
| 488 | 585,974.41 | 3,236,958.31 |
| 489 | 585,832.43 | 3,236,999.39 |
| 490 | 585,686.03 | 3,237,038.99 |
| 491 | 585,574.65 | 3,236,985.30 |
| 492 | 585,530.95 | 3,236,827.77 |
| 493 | 585,367.46 | 3,236,720.06 |
| 494 | 585,215.50 | 3,236,610.42 |
| 495 | 585,064.72 | 3,236,483.32 |
| 496 | 584,955.94 | 3,236,319.31 |
| 497 | 584,789.25 | 3,236,234.62 |
| 498 | 584,695.20 | 3,236,063.20 |
| 499 | 584,568.86 | 3,235,930.51 |
| 500 | 584,386.20 | 3,235,860.13 |
| 501 | 584,193.70 | 3,235,819.07 |
| 502 | 584,003.43 | 3,235,792.56 |
| 503 | 583,818.75 | 3,235,805.05 |
| 504 | 583,677.49 | 3,235,663.51 |
| 505 | 583,548.60 | 3,235,510.72 |
| 506 | 583,467.63 | 3,235,329.21 |
| 507 | 583,349.55 | 3,235,218.13 |
| 508 | 583,154.89 | 3,235,177.98 |
| 509 | 582,987.12 | 3,235,072.28 |
| 510 | 582,864.32 | 3,234,914.44 |
| 511 | 582,703.00 | 3,234,815.08 |
| 512 | 582,508.37 | 3,234,769.06 |
| 513 | 582,358.80 | 3,234,637.16 |

| Vértice | X | Y |
|---------|------------|--------------|
| 514 | 582,242.45 | 3,234,478.82 |
| 515 | 582,357.88 | 3,234,317.96 |
| 516 | 582,394.47 | 3,234,121.34 |
| 517 | 582,326.41 | 3,233,951.59 |
| 518 | 582,195.18 | 3,233,801.56 |
| 519 | 582,034.63 | 3,233,682.31 |
| 520 | 581,853.80 | 3,233,602.49 |
| 521 | 581,663.38 | 3,233,541.33 |
| 522 | 581,472.96 | 3,233,480.16 |
| 523 | 581,279.63 | 3,233,430.17 |
| 524 | 581,083.60 | 3,233,390.54 |
| 525 | 580,887.56 | 3,233,350.92 |
| 526 | 580,691.14 | 3,233,313.47 |
| 527 | 580,493.42 | 3,233,283.36 |
| 528 | 580,295.70 | 3,233,253.26 |
| 529 | 580,097.98 | 3,233,223.16 |
| 530 | 579,903.09 | 3,233,253.47 |
| 531 | 579,709.06 | 3,233,301.97 |
| 532 | 579,515.03 | 3,233,350.47 |
| 533 | 579,323.69 | 3,233,408.02 |
| 534 | 579,134.58 | 3,233,473.12 |
| 535 | 578,946.58 | 3,233,540.00 |
| 536 | 578,805.15 | 3,233,681.41 |
| 537 | 578,661.66 | 3,233,820.53 |
| 538 | 578,505.86 | 3,233,945.93 |
| 539 | 578,350.27 | 3,234,071.60 |
| 540 | 578,197.03 | 3,234,200.11 |
| 541 | 578,047.69 | 3,234,333.02 |
| 542 | 577,902.17 | 3,234,470.22 |
| 543 | 577,803.32 | 3,234,638.55 |
| 544 | 577,744.93 | 3,234,825.03 |
| 545 | 577,832.70 | 3,235,004.74 |
| 546 | 577,938.79 | 3,235,166.87 |
| 547 | 578,114.77 | 3,235,261.90 |
| 548 | 578,290.75 | 3,235,356.92 |
| 549 | 578,489.39 | 3,235,378.38 |
| 550 | 578,653.94 | 3,235,445.25 |
| 551 | 578,740.58 | 3,235,625.21 |
| 552 | 578,854.43 | 3,235,787.22 |
| 553 | 579,010.32 | 3,235,909.02 |
| 554 | 579,148.54 | 3,236,045.10 |
| 555 | 579,266.98 | 3,236,198.50 |
| 556 | 579,383.62 | 3,236,341.16 |
| 557 | 579,574.18 | 3,236,323.67 |
| 558 | 579,732.22 | 3,236,296.09 |
| 559 | 579,756.49 | 3,236,493.83 |
| 560 | 579,694.44 | 3,236,671.41 |
| 561 | 579,612.83 | 3,236,798.60 |
| 562 | 579,648.26 | 3,236,964.91 |

| Vértice | X | Y |
|---------|------------|--------------|
| 563 | 579,838.16 | 3,237,008.04 |
| 564 | 580,027.14 | 3,236,943.95 |
| 565 | 580,195.46 | 3,237,025.68 |
| 566 | 580,320.08 | 3,237,156.60 |
| 567 | 580,363.65 | 3,237,333.28 |
| 568 | 580,471.58 | 3,237,500.16 |
| 569 | 580,514.30 | 3,237,677.70 |
| 570 | 580,623.24 | 3,237,838.77 |
| 571 | 580,791.28 | 3,237,943.41 |
| 572 | 580,896.11 | 3,238,106.39 |
| 573 | 581,026.01 | 3,238,252.42 |
| 574 | 581,212.12 | 3,238,320.35 |
| 575 | 581,368.66 | 3,238,436.90 |
| 576 | 581,489.38 | 3,238,595.97 |
| 577 | 581,653.16 | 3,238,685.38 |
| 578 | 581,846.85 | 3,238,665.60 |
| 579 | 581,979.30 | 3,238,805.81 |
| 580 | 582,016.96 | 3,239,002.24 |
| 581 | 582,074.41 | 3,239,193.49 |
| 582 | 582,116.80 | 3,239,386.00 |
| 583 | 582,105.40 | 3,239,585.67 |
| 584 | 582,114.51 | 3,239,784.11 |
| 585 | 582,149.85 | 3,239,980.96 |
| 586 | 582,197.72 | 3,240,174.37 |
| 587 | 582,269.16 | 3,240,360.73 |
| 588 | 582,428.50 | 3,240,481.61 |
| 589 | 582,569.37 | 3,240,610.49 |
| 590 | 582,548.79 | 3,240,809.43 |
| 591 | 582,516.01 | 3,241,006.44 |
| 592 | 582,474.65 | 3,241,202.10 |
| 593 | 582,440.67 | 3,241,399.20 |
| 594 | 582,433.71 | 3,241,597.41 |
| 595 | 582,451.30 | 3,241,796.63 |
| 596 | 582,487.12 | 3,241,993.08 |
| 597 | 582,583.60 | 3,242,156.49 |
| 598 | 582,585.49 | 3,242,270.26 |
| 599 | 582,490.47 | 3,242,393.89 |
| 600 | 582,563.61 | 3,242,580.03 |
| 601 | 582,684.79 | 3,242,735.68 |
| 602 | 582,846.28 | 3,242,842.22 |
| 603 | 583,033.29 | 3,242,903.95 |
| 604 | 583,024.21 | 3,243,103.75 |
| 605 | 583,124.23 | 3,243,270.98 |
| 606 | 583,297.73 | 3,243,298.98 |
| 607 | 583,491.24 | 3,243,257.22 |
| 608 | 583,663.42 | 3,243,155.48 |
| 609 | 583,846.25 | 3,243,075.58 |
| 610 | 584,030.27 | 3,242,997.54 |
| 611 | 584,210.55 | 3,242,910.97 |

| Vértice | X | Y |
|---------|------------|--------------|
| 612 | 584,388.46 | 3,242,819.61 |
| 613 | 584,564.24 | 3,242,724.25 |
| 614 | 584,739.22 | 3,242,627.39 |
| 615 | 584,902.48 | 3,242,512.61 |
| 616 | 585,070.31 | 3,242,404.85 |
| 617 | 585,252.63 | 3,242,334.12 |
| 618 | 585,452.50 | 3,242,326.98 |
| 619 | 585,643.71 | 3,242,375.35 |
| 620 | 585,828.56 | 3,242,450.54 |
| 621 | 586,004.66 | 3,242,545.35 |
| 622 | 586,120.86 | 3,242,696.34 |
| 623 | 586,217.39 | 3,242,868.10 |
| 624 | 586,370.53 | 3,242,996.74 |
| 625 | 586,535.80 | 3,243,105.51 |
| 626 | 586,720.24 | 3,243,182.85 |
| 627 | 586,910.68 | 3,243,240.95 |
| 628 | 587,106.39 | 3,243,282.15 |
| 629 | 587,302.76 | 3,243,319.77 |
| 630 | 587,500.19 | 3,243,351.79 |
| 631 | 587,694.69 | 3,243,351.92 |
| 632 | 587,883.04 | 3,243,284.65 |
| 633 | 588,060.39 | 3,243,193.93 |
| 634 | 588,236.11 | 3,243,140.10 |
| 635 | 588,421.33 | 3,243,215.56 |
| 636 | 588,541.53 | 3,243,360.26 |
| 637 | 588,628.49 | 3,243,540.37 |
| 638 | 588,704.23 | 3,243,725.41 |
| 639 | 588,774.11 | 3,243,912.72 |
| 640 | 588,837.41 | 3,244,102.44 |
| 641 | 588,916.94 | 3,244,285.95 |
| 642 | 588,993.22 | 3,244,470.69 |
| 643 | 589,056.47 | 3,244,660.43 |
| 644 | 589,105.05 | 3,244,854.29 |
| 645 | 589,167.76 | 3,245,042.27 |
| 646 | 589,266.37 | 3,245,216.27 |
| 647 | 589,336.30 | 3,245,400.32 |
| 648 | 589,367.24 | 3,245,597.88 |
| 649 | 589,377.76 | 3,245,797.60 |
| 650 | 589,533.24 | 3,245,921.34 |
| 651 | 589,614.15 | 3,246,078.13 |
| 652 | 589,599.38 | 3,246,277.58 |
| 653 | 589,466.66 | 3,246,424.44 |
| 654 | 589,330.65 | 3,246,570.35 |

Subzona de Aprovechamiento Sustentable de los Ecosistemas "Mesetas, Lomeríos y Cañadas"

Polígono 2

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 618,393.46 | 3,233,869.16 |
| 2 | 618,553.54 | 3,233,666.11 |
| 3 | 618,686.03 | 3,233,516.29 |
| 4 | 618,789.23 | 3,233,349.72 |
| 5 | 618,861.92 | 3,233,165.24 |
| 6 | 619,009.38 | 3,233,073.14 |
| 7 | 619,205.96 | 3,233,109.94 |
| 8 | 619,404.88 | 3,233,123.87 |
| 9 | 619,597.81 | 3,233,138.46 |
| 10 | 619,683.55 | 3,233,319.15 |
| 11 | 619,763.62 | 3,233,500.55 |
| 12 | 619,725.23 | 3,233,696.83 |
| 13 | 619,767.80 | 3,233,879.24 |
| 14 | 619,897.71 | 3,234,031.30 |
| 15 | 620,027.63 | 3,234,183.36 |
| 16 | 620,157.54 | 3,234,335.41 |
| 17 | 620,325.76 | 3,234,441.80 |
| 18 | 620,517.42 | 3,234,476.62 |
| 19 | 620,697.93 | 3,234,412.59 |
| 20 | 620,784.97 | 3,234,232.52 |
| 21 | 620,923.68 | 3,234,089.06 |
| 22 | 621,035.00 | 3,233,924.66 |
| 23 | 621,039.26 | 3,233,738.77 |
| 24 | 620,947.78 | 3,233,568.33 |
| 25 | 620,806.94 | 3,233,426.33 |
| 26 | 620,801.28 | 3,233,240.77 |
| 27 | 620,857.46 | 3,233,057.98 |
| 28 | 621,038.57 | 3,232,989.11 |
| 29 | 621,237.16 | 3,232,978.76 |
| 30 | 621,436.73 | 3,232,991.93 |
| 31 | 621,633.33 | 3,233,015.99 |
| 32 | 621,811.96 | 3,233,105.93 |
| 33 | 621,990.59 | 3,233,195.88 |
| 34 | 622,176.78 | 3,233,263.42 |
| 35 | 622,293.00 | 3,233,124.28 |
| 36 | 622,390.35 | 3,232,950.93 |
| 37 | 622,352.68 | 3,232,755.83 |
| 38 | 622,230.76 | 3,232,597.30 |
| 39 | 622,189.42 | 3,232,433.44 |
| 40 | 622,252.66 | 3,232,251.66 |
| 41 | 622,239.66 | 3,232,052.08 |
| 42 | 622,298.50 | 3,231,865.50 |
| 43 | 622,380.59 | 3,231,683.12 |
| 44 | 622,462.69 | 3,231,500.75 |
| 45 | 622,564.21 | 3,231,330.28 |
| 46 | 622,689.44 | 3,231,174.34 |
| 47 | 622,819.69 | 3,231,023.81 |
| 48 | 622,984.72 | 3,230,910.84 |

| Vértice | X | Y |
|---------|------------|--------------|
| 49 | 623,149.76 | 3,230,797.86 |
| 50 | 623,314.79 | 3,230,684.89 |
| 51 | 623,470.50 | 3,230,564.35 |
| 52 | 623,541.56 | 3,230,377.84 |
| 53 | 623,584.31 | 3,230,182.46 |
| 54 | 623,703.49 | 3,230,038.46 |
| 55 | 623,892.13 | 3,229,975.34 |
| 56 | 624,033.04 | 3,229,833.81 |
| 57 | 624,130.58 | 3,229,659.20 |
| 58 | 624,228.11 | 3,229,484.60 |
| 59 | 624,325.15 | 3,229,309.74 |
| 60 | 624,408.63 | 3,229,128.00 |
| 61 | 624,492.12 | 3,228,946.26 |
| 62 | 624,590.56 | 3,228,774.48 |
| 63 | 624,770.25 | 3,228,705.14 |
| 64 | 624,913.30 | 3,228,822.02 |
| 65 | 624,981.45 | 3,229,010.05 |
| 66 | 625,091.04 | 3,229,165.74 |
| 67 | 625,286.48 | 3,229,163.83 |
| 68 | 625,481.79 | 3,229,160.03 |
| 69 | 625,667.56 | 3,229,118.45 |
| 70 | 625,861.68 | 3,229,160.81 |
| 71 | 626,055.00 | 3,229,149.69 |
| 72 | 626,169.07 | 3,228,986.82 |
| 73 | 626,253.27 | 3,228,805.40 |
| 74 | 626,337.46 | 3,228,623.99 |
| 75 | 626,460.35 | 3,228,470.19 |
| 76 | 626,617.34 | 3,228,358.52 |
| 77 | 626,815.87 | 3,228,334.29 |
| 78 | 627,013.00 | 3,228,367.90 |
| 79 | 627,210.13 | 3,228,401.67 |
| 80 | 627,408.03 | 3,228,429.26 |
| 81 | 627,596.29 | 3,228,397.97 |
| 82 | 627,767.84 | 3,228,295.16 |
| 83 | 627,946.08 | 3,228,214.14 |
| 84 | 628,145.77 | 3,228,202.96 |
| 85 | 628,326.33 | 3,228,118.00 |
| 86 | 628,511.82 | 3,228,047.78 |
| 87 | 628,708.72 | 3,228,012.68 |
| 88 | 628,899.89 | 3,227,954.45 |
| 89 | 629,095.69 | 3,227,918.44 |
| 90 | 629,292.91 | 3,227,940.96 |
| 91 | 629,478.02 | 3,227,886.41 |
| 92 | 629,658.63 | 3,227,800.53 |
| 93 | 629,814.35 | 3,227,678.19 |
| 94 | 630,001.23 | 3,227,637.11 |
| 95 | 630,196.71 | 3,227,650.65 |
| 96 | 630,394.43 | 3,227,624.48 |

| Vértice | X | Y |
|---------|------------|--------------|
| 97 | 630,572.43 | 3,227,535.26 |
| 98 | 630,676.01 | 3,227,369.27 |
| 99 | 630,758.13 | 3,227,186.92 |
| 100 | 630,862.67 | 3,227,018.82 |
| 101 | 630,941.84 | 3,226,835.20 |
| 102 | 631,069.30 | 3,226,686.73 |
| 103 | 631,161.64 | 3,226,534.68 |
| 104 | 631,135.44 | 3,226,339.63 |
| 105 | 631,204.58 | 3,226,156.85 |
| 106 | 631,384.21 | 3,226,107.56 |
| 107 | 631,561.67 | 3,226,180.32 |
| 108 | 631,713.49 | 3,226,309.74 |
| 109 | 631,881.64 | 3,226,417.67 |
| 110 | 632,060.89 | 3,226,506.04 |
| 111 | 632,248.21 | 3,226,575.50 |
| 112 | 632,442.25 | 3,226,552.79 |
| 113 | 632,612.52 | 3,226,448.91 |
| 114 | 632,781.17 | 3,226,341.42 |
| 115 | 632,972.02 | 3,226,342.73 |
| 116 | 633,129.28 | 3,226,458.36 |
| 117 | 633,246.74 | 3,226,620.23 |
| 118 | 633,389.72 | 3,226,757.70 |
| 119 | 633,570.91 | 3,226,832.48 |
| 120 | 633,769.66 | 3,226,848.60 |
| 121 | 633,969.10 | 3,226,833.84 |
| 122 | 634,168.05 | 3,226,813.53 |
| 123 | 634,366.83 | 3,226,823.28 |
| 124 | 634,554.46 | 3,226,890.75 |
| 125 | 634,730.80 | 3,226,963.05 |
| 126 | 634,742.20 | 3,226,919.16 |
| 127 | 634,767.81 | 3,226,820.57 |
| 128 | 634,887.46 | 3,226,672.04 |
| 129 | 634,950.78 | 3,226,486.86 |
| 130 | 635,089.19 | 3,226,350.86 |
| 131 | 635,207.83 | 3,226,190.76 |
| 132 | 635,347.03 | 3,226,052.09 |
| 133 | 635,500.94 | 3,225,929.42 |
| 134 | 635,645.28 | 3,225,793.99 |
| 135 | 635,818.95 | 3,225,701.03 |
| 136 | 635,964.04 | 3,225,572.10 |
| 137 | 636,156.14 | 3,225,520.13 |
| 138 | 636,330.83 | 3,225,425.43 |
| 139 | 636,486.68 | 3,225,300.97 |
| 140 | 636,660.31 | 3,225,204.23 |
| 141 | 636,813.92 | 3,225,076.29 |
| 142 | 636,973.93 | 3,224,956.98 |
| 143 | 637,129.57 | 3,224,832.06 |
| 144 | 637,296.47 | 3,224,721.85 |
| 145 | 637,463.82 | 3,224,613.40 |
| 146 | 637,619.79 | 3,224,489.08 |
| 147 | 637,789.33 | 3,224,384.77 |

| Vértice | X | Y |
|---------|------------|--------------|
| 148 | 637,909.07 | 3,224,229.92 |
| 149 | 638,103.22 | 3,224,213.11 |
| 150 | 638,301.75 | 3,224,212.74 |
| 151 | 638,500.27 | 3,224,196.25 |
| 152 | 638,681.57 | 3,224,121.94 |
| 153 | 638,830.15 | 3,223,990.81 |
| 154 | 638,931.91 | 3,223,819.46 |
| 155 | 639,034.53 | 3,223,647.79 |
| 156 | 639,143.25 | 3,223,480.89 |
| 157 | 639,266.07 | 3,223,324.27 |
| 158 | 639,402.80 | 3,223,189.84 |
| 159 | 639,491.91 | 3,223,014.93 |
| 160 | 639,593.91 | 3,222,843.76 |
| 161 | 639,684.46 | 3,222,665.63 |
| 162 | 639,765.38 | 3,222,482.74 |
| 163 | 639,844.92 | 3,222,299.24 |
| 164 | 639,927.52 | 3,222,117.28 |
| 165 | 640,009.90 | 3,221,936.59 |
| 166 | 640,070.82 | 3,221,748.67 |
| 167 | 640,153.68 | 3,221,570.20 |
| 168 | 640,258.66 | 3,221,400.23 |
| 169 | 640,341.84 | 3,221,218.54 |
| 170 | 640,429.09 | 3,221,038.65 |
| 171 | 640,497.43 | 3,220,850.86 |
| 172 | 640,594.81 | 3,220,683.15 |
| 173 | 640,758.97 | 3,220,569.15 |
| 174 | 640,841.55 | 3,220,389.13 |
| 175 | 640,933.61 | 3,220,216.82 |
| 176 | 641,090.40 | 3,220,093.68 |
| 177 | 641,243.29 | 3,219,965.30 |
| 178 | 641,422.47 | 3,219,884.04 |
| 179 | 641,617.04 | 3,219,858.56 |
| 180 | 641,788.29 | 3,219,758.81 |
| 181 | 641,952.20 | 3,219,644.83 |
| 182 | 642,073.87 | 3,219,486.89 |
| 183 | 642,167.30 | 3,219,311.71 |
| 184 | 642,294.16 | 3,219,175.82 |
| 185 | 642,322.68 | 3,219,003.11 |
| 186 | 642,476.32 | 3,218,883.65 |
| 187 | 642,589.20 | 3,218,718.57 |
| 188 | 642,694.42 | 3,218,550.05 |
| 189 | 642,792.58 | 3,218,379.58 |
| 190 | 642,849.44 | 3,218,194.32 |
| 191 | 642,949.53 | 3,218,024.52 |
| 192 | 643,082.64 | 3,218,009.52 |
| 193 | 643,262.09 | 3,217,956.56 |
| 194 | 643,372.30 | 3,217,941.68 |
| 195 | 643,464.70 | 3,217,767.17 |
| 196 | 643,545.37 | 3,217,584.35 |
| 197 | 643,633.12 | 3,217,404.63 |
| 198 | 643,720.91 | 3,217,224.93 |

| Vértice | X | Y |
|---------|------------|--------------|
| 199 | 643,805.78 | 3,217,043.86 |
| 200 | 643,887.16 | 3,216,861.16 |
| 201 | 643,972.87 | 3,216,680.50 |
| 202 | 644,061.01 | 3,216,500.96 |
| 203 | 644,149.16 | 3,216,321.44 |
| 204 | 644,223.98 | 3,216,137.65 |
| 205 | 644,256.24 | 3,215,940.27 |
| 206 | 644,344.87 | 3,215,764.34 |
| 207 | 644,451.98 | 3,215,595.44 |
| 208 | 644,479.80 | 3,215,400.78 |
| 209 | 644,542.91 | 3,215,228.31 |
| 210 | 644,687.74 | 3,215,095.45 |
| 211 | 644,777.38 | 3,214,916.66 |
| 212 | 644,867.02 | 3,214,737.88 |
| 213 | 644,956.65 | 3,214,559.08 |
| 214 | 645,046.25 | 3,214,380.28 |
| 215 | 645,135.89 | 3,214,201.49 |
| 216 | 645,246.40 | 3,214,034.80 |
| 217 | 645,356.91 | 3,213,868.10 |
| 218 | 645,464.89 | 3,213,699.97 |
| 219 | 645,551.71 | 3,213,519.79 |
| 220 | 645,630.59 | 3,213,336.10 |
| 221 | 645,705.99 | 3,213,150.86 |
| 222 | 645,812.46 | 3,212,981.66 |
| 223 | 645,919.90 | 3,212,812.97 |
| 224 | 645,952.18 | 3,212,616.11 |
| 225 | 646,040.48 | 3,212,441.37 |
| 226 | 646,153.52 | 3,212,276.38 |
| 227 | 646,246.75 | 3,212,099.99 |
| 228 | 646,332.66 | 3,211,919.37 |
| 229 | 646,498.65 | 3,211,808.38 |
| 230 | 646,635.99 | 3,211,674.10 |
| 231 | 646,710.07 | 3,211,488.33 |
| 232 | 646,815.41 | 3,211,318.67 |
| 233 | 646,910.78 | 3,211,144.09 |
| 234 | 646,979.79 | 3,210,956.38 |
| 235 | 647,051.90 | 3,210,769.85 |
| 236 | 647,126.20 | 3,210,584.16 |
| 237 | 647,202.00 | 3,210,399.08 |
| 238 | 647,279.21 | 3,210,214.59 |
| 239 | 647,356.95 | 3,210,030.35 |
| 240 | 647,418.75 | 3,209,840.14 |
| 241 | 647,446.60 | 3,209,643.55 |
| 242 | 647,511.32 | 3,209,460.07 |
| 243 | 647,602.43 | 3,209,282.58 |
| 244 | 647,639.56 | 3,209,087.87 |
| 245 | 647,720.31 | 3,208,909.80 |
| 246 | 647,796.85 | 3,208,726.26 |
| 247 | 647,864.76 | 3,208,547.81 |
| 248 | 647,961.35 | 3,208,383.03 |
| 249 | 648,050.50 | 3,208,206.15 |

| Vértice | X | Y |
|---------|------------|--------------|
| 250 | 648,125.29 | 3,208,020.66 |
| 251 | 648,205.75 | 3,207,837.68 |
| 252 | 648,281.87 | 3,207,652.80 |
| 253 | 648,348.16 | 3,207,465.86 |
| 254 | 648,321.87 | 3,207,338.94 |
| 255 | 648,141.64 | 3,207,420.84 |
| 256 | 648,011.14 | 3,207,519.71 |
| 257 | 647,861.05 | 3,207,648.71 |
| 258 | 647,765.91 | 3,207,824.37 |
| 259 | 647,680.79 | 3,208,004.14 |
| 260 | 647,584.84 | 3,208,179.18 |
| 261 | 647,507.30 | 3,208,360.70 |
| 262 | 647,396.67 | 3,208,524.20 |
| 263 | 647,301.97 | 3,208,699.65 |
| 264 | 647,204.16 | 3,208,873.57 |
| 265 | 647,102.27 | 3,209,044.35 |
| 266 | 647,002.47 | 3,209,214.78 |
| 267 | 646,898.16 | 3,209,384.65 |
| 268 | 646,794.69 | 3,209,554.18 |
| 269 | 646,695.44 | 3,209,628.69 |
| 270 | 646,711.52 | 3,209,430.53 |
| 271 | 646,659.73 | 3,209,314.85 |
| 272 | 646,563.37 | 3,209,486.17 |
| 273 | 646,445.60 | 3,209,630.46 |
| 274 | 646,510.81 | 3,209,790.28 |
| 275 | 646,614.06 | 3,209,833.03 |
| 276 | 646,534.07 | 3,209,953.03 |
| 277 | 646,469.56 | 3,209,817.53 |
| 278 | 646,279.76 | 3,209,830.66 |
| 279 | 646,166.15 | 3,209,926.03 |
| 280 | 646,074.66 | 3,210,034.53 |
| 281 | 646,010.16 | 3,210,170.03 |
| 282 | 645,990.13 | 3,209,990.06 |
| 283 | 646,044.37 | 3,209,844.31 |
| 284 | 646,126.59 | 3,209,667.00 |
| 285 | 646,210.79 | 3,209,497.50 |
| 286 | 646,044.37 | 3,209,479.07 |
| 287 | 645,896.45 | 3,209,546.28 |
| 288 | 645,739.96 | 3,209,662.28 |
| 289 | 645,601.49 | 3,209,763.28 |
| 290 | 645,416.21 | 3,209,776.78 |
| 291 | 645,257.75 | 3,209,826.24 |
| 292 | 645,184.54 | 3,209,953.03 |
| 293 | 645,066.04 | 3,210,034.53 |
| 294 | 644,949.91 | 3,210,162.28 |
| 295 | 644,760.93 | 3,210,157.73 |
| 296 | 644,633.81 | 3,210,288.48 |
| 297 | 644,594.49 | 3,210,473.40 |
| 298 | 644,404.00 | 3,210,474.90 |
| 299 | 644,281.19 | 3,210,583.57 |
| 300 | 644,254.07 | 3,210,748.72 |

| Vértice | X | Y |
|---------|------------|--------------|
| 301 | 644,172.69 | 3,210,867.35 |
| 302 | 644,145.57 | 3,210,985.97 |
| 303 | 644,145.57 | 3,211,077.47 |
| 304 | 644,041.87 | 3,211,173.77 |
| 305 | 643,901.44 | 3,211,233.35 |
| 306 | 643,955.69 | 3,211,379.10 |
| 307 | 644,062.77 | 3,211,472.02 |
| 308 | 643,955.69 | 3,211,436.45 |
| 309 | 643,837.03 | 3,211,465.29 |
| 310 | 643,684.44 | 3,211,538.88 |
| 311 | 643,630.19 | 3,211,684.63 |
| 312 | 643,630.20 | 3,211,830.38 |
| 313 | 643,560.09 | 3,211,960.27 |
| 314 | 643,413.20 | 3,212,013.38 |
| 315 | 643,299.91 | 3,212,048.92 |
| 316 | 643,223.26 | 3,212,219.79 |
| 317 | 643,169.01 | 3,212,365.54 |
| 318 | 643,033.39 | 3,212,429.91 |
| 319 | 642,952.01 | 3,212,548.54 |
| 320 | 642,812.23 | 3,212,657.32 |
| 321 | 642,876.32 | 3,212,774.27 |
| 322 | 642,854.70 | 3,212,855.52 |
| 323 | 642,762.14 | 3,212,962.95 |
| 324 | 642,653.64 | 3,213,054.45 |
| 325 | 642,518.01 | 3,213,118.83 |
| 326 | 642,531.58 | 3,213,286.06 |
| 327 | 642,463.76 | 3,213,449.77 |
| 328 | 642,348.01 | 3,213,479.52 |
| 329 | 642,283.51 | 3,213,615.02 |
| 330 | 642,165.39 | 3,213,696.89 |
| 331 | 642,111.14 | 3,213,842.64 |
| 332 | 642,139.98 | 3,213,994.77 |
| 333 | 642,111.14 | 3,214,060.86 |
| 334 | 642,084.02 | 3,214,233.73 |
| 335 | 641,921.27 | 3,214,270.98 |
| 336 | 641,867.02 | 3,214,416.73 |
| 337 | 641,880.00 | 3,214,560.01 |
| 338 | 641,972.22 | 3,214,726.91 |
| 339 | 642,024.77 | 3,214,890.02 |
| 340 | 642,106.02 | 3,214,998.52 |
| 341 | 641,987.52 | 3,214,917.02 |
| 342 | 641,861.31 | 3,214,791.69 |
| 343 | 641,701.65 | 3,214,754.27 |
| 344 | 641,610.15 | 3,214,862.77 |
| 345 | 641,693.29 | 3,214,929.40 |
| 346 | 641,766.07 | 3,215,070.66 |
| 347 | 641,885.07 | 3,215,215.50 |
| 348 | 641,867.02 | 3,215,365.81 |
| 349 | 641,847.84 | 3,215,427.17 |
| 350 | 641,754.30 | 3,215,309.49 |
| 351 | 641,610.71 | 3,215,204.39 |

| Vértice | X | Y |
|---------|------------|--------------|
| 352 | 641,514.34 | 3,215,331.14 |
| 353 | 641,415.71 | 3,215,432.52 |
| 354 | 641,432.72 | 3,215,595.27 |
| 355 | 641,341.22 | 3,215,703.77 |
| 356 | 641,297.34 | 3,215,859.89 |
| 357 | 641,297.34 | 3,215,989.76 |
| 358 | 641,191.09 | 3,216,083.52 |
| 359 | 641,053.21 | 3,216,091.64 |
| 360 | 640,971.84 | 3,216,210.26 |
| 361 | 640,917.59 | 3,216,356.01 |
| 362 | 640,891.40 | 3,216,526.40 |
| 363 | 640,963.68 | 3,216,709.11 |
| 364 | 641,049.00 | 3,216,850.77 |
| 365 | 641,235.50 | 3,216,812.23 |
| 366 | 641,405.84 | 3,216,787.25 |
| 367 | 641,525.86 | 3,216,761.77 |
| 368 | 641,649.97 | 3,216,685.87 |
| 369 | 641,731.41 | 3,216,793.22 |
| 370 | 641,662.70 | 3,216,924.52 |
| 371 | 641,595.72 | 3,217,057.54 |
| 372 | 641,514.34 | 3,217,176.16 |
| 373 | 641,415.20 | 3,217,277.02 |
| 374 | 641,278.16 | 3,217,339.97 |
| 375 | 641,205.20 | 3,217,467.02 |
| 376 | 641,107.47 | 3,217,569.29 |
| 377 | 641,012.96 | 3,217,711.02 |
| 378 | 640,917.60 | 3,217,815.66 |
| 379 | 640,829.96 | 3,217,928.02 |
| 380 | 640,711.46 | 3,218,009.52 |
| 381 | 640,592.10 | 3,218,090.16 |
| 382 | 640,483.60 | 3,218,181.66 |
| 383 | 640,361.36 | 3,218,267.44 |
| 384 | 640,199.45 | 3,218,320.92 |
| 385 | 640,042.87 | 3,218,431.71 |
| 386 | 639,873.08 | 3,218,534.08 |
| 387 | 639,736.51 | 3,218,606.26 |
| 388 | 639,615.54 | 3,218,685.29 |
| 389 | 639,452.79 | 3,218,722.54 |
| 390 | 639,371.41 | 3,218,841.16 |
| 391 | 639,290.04 | 3,218,959.79 |
| 392 | 639,197.77 | 3,219,067.51 |
| 393 | 639,029.94 | 3,219,032.89 |
| 394 | 638,867.69 | 3,219,137.11 |
| 395 | 638,720.81 | 3,219,256.87 |
| 396 | 638,536.55 | 3,219,305.47 |
| 397 | 638,361.82 | 3,219,397.72 |
| 398 | 638,204.28 | 3,219,501.71 |
| 399 | 638,031.01 | 3,219,592.36 |
| 400 | 637,861.89 | 3,219,694.46 |
| 401 | 637,780.26 | 3,219,855.31 |
| 402 | 637,923.41 | 3,219,957.00 |

| Vértice | X | Y |
|---------|------------|--------------|
| 403 | 637,968.55 | 3,220,045.00 |
| 404 | 637,827.61 | 3,220,186.14 |
| 405 | 637,727.55 | 3,220,348.25 |
| 406 | 637,576.60 | 3,220,396.51 |
| 407 | 637,472.61 | 3,220,492.52 |
| 408 | 637,364.11 | 3,220,584.02 |
| 409 | 637,252.43 | 3,220,713.34 |
| 410 | 637,080.50 | 3,220,797.43 |
| 411 | 636,880.92 | 3,220,810.39 |
| 412 | 636,691.57 | 3,220,866.51 |
| 413 | 636,507.37 | 3,220,944.44 |
| 414 | 636,320.45 | 3,221,015.58 |
| 415 | 636,135.56 | 3,221,091.34 |
| 416 | 635,956.38 | 3,221,180.19 |
| 417 | 635,789.09 | 3,221,289.29 |
| 418 | 635,624.26 | 3,221,402.55 |
| 419 | 635,459.42 | 3,221,515.81 |
| 420 | 635,294.58 | 3,221,629.08 |
| 421 | 635,129.74 | 3,221,742.34 |
| 422 | 634,964.90 | 3,221,855.60 |
| 423 | 634,800.06 | 3,221,968.86 |
| 424 | 634,635.23 | 3,222,082.13 |
| 425 | 634,466.26 | 3,222,187.91 |
| 426 | 634,282.57 | 3,222,267.00 |
| 427 | 634,103.08 | 3,222,354.95 |
| 428 | 633,927.75 | 3,222,450.37 |
| 429 | 633,776.61 | 3,222,581.35 |
| 430 | 633,642.61 | 3,222,728.02 |
| 431 | 633,525.51 | 3,222,890.15 |
| 432 | 633,404.60 | 3,223,049.30 |
| 433 | 633,274.95 | 3,223,201.59 |
| 434 | 633,146.80 | 3,223,355.11 |
| 435 | 633,021.79 | 3,223,511.19 |
| 436 | 632,909.12 | 3,223,676.44 |
| 437 | 632,747.95 | 3,223,793.98 |
| 438 | 632,587.25 | 3,223,913.03 |
| 439 | 632,422.86 | 3,224,026.71 |
| 440 | 632,253.84 | 3,224,133.63 |
| 441 | 632,084.82 | 3,224,240.56 |
| 442 | 631,915.80 | 3,224,347.48 |
| 443 | 631,764.74 | 3,224,477.79 |
| 444 | 631,617.77 | 3,224,613.44 |
| 445 | 631,470.81 | 3,224,749.09 |
| 446 | 631,323.84 | 3,224,884.75 |
| 447 | 631,178.15 | 3,225,021.74 |
| 448 | 631,034.50 | 3,225,160.90 |
| 449 | 630,890.85 | 3,225,300.05 |
| 450 | 630,737.13 | 3,225,427.36 |
| 451 | 630,576.58 | 3,225,546.62 |
| 452 | 630,416.03 | 3,225,665.88 |
| 453 | 630,257.56 | 3,225,787.89 |

| Vértice | X | Y |
|---------|------------|--------------|
| 454 | 630,099.41 | 3,225,910.32 |
| 455 | 629,941.22 | 3,226,032.69 |
| 456 | 629,782.96 | 3,226,154.98 |
| 457 | 629,616.24 | 3,226,264.96 |
| 458 | 629,445.40 | 3,226,368.95 |
| 459 | 629,269.88 | 3,226,464.82 |
| 460 | 629,094.30 | 3,226,560.59 |
| 461 | 628,907.37 | 3,226,563.54 |
| 462 | 628,713.90 | 3,226,512.88 |
| 463 | 628,520.42 | 3,226,462.21 |
| 464 | 628,323.46 | 3,226,427.83 |
| 465 | 628,126.19 | 3,226,394.96 |
| 466 | 627,928.48 | 3,226,375.35 |
| 467 | 627,729.49 | 3,226,395.41 |
| 468 | 627,530.49 | 3,226,415.47 |
| 469 | 627,331.50 | 3,226,435.53 |
| 470 | 627,132.51 | 3,226,455.59 |
| 471 | 626,933.05 | 3,226,469.31 |
| 472 | 626,733.28 | 3,226,478.99 |
| 473 | 626,535.29 | 3,226,496.29 |
| 474 | 626,351.75 | 3,226,575.76 |
| 475 | 626,168.22 | 3,226,655.23 |
| 476 | 625,969.37 | 3,226,673.77 |
| 477 | 625,781.01 | 3,226,713.88 |
| 478 | 625,640.65 | 3,226,856.36 |
| 479 | 625,495.05 | 3,226,993.30 |
| 480 | 625,340.77 | 3,227,118.22 |
| 481 | 625,152.28 | 3,227,185.10 |
| 482 | 624,958.64 | 3,227,233.95 |
| 483 | 624,763.46 | 3,227,277.29 |
| 484 | 624,584.57 | 3,227,366.73 |
| 485 | 624,409.15 | 3,227,462.68 |
| 486 | 624,237.51 | 3,227,565.09 |
| 487 | 624,071.92 | 3,227,677.26 |
| 488 | 623,893.50 | 3,227,766.13 |
| 489 | 623,710.26 | 3,227,846.29 |
| 490 | 623,544.85 | 3,227,954.66 |
| 491 | 623,390.51 | 3,228,079.75 |
| 492 | 623,198.63 | 3,228,136.18 |
| 493 | 623,006.76 | 3,228,192.61 |
| 494 | 622,815.84 | 3,228,200.37 |
| 495 | 622,626.33 | 3,228,136.44 |
| 496 | 622,436.83 | 3,228,072.51 |
| 497 | 622,242.19 | 3,228,047.34 |
| 498 | 622,042.58 | 3,228,059.82 |
| 499 | 621,842.97 | 3,228,072.29 |
| 500 | 621,643.36 | 3,228,084.77 |
| 501 | 621,446.92 | 3,228,112.29 |
| 502 | 621,259.25 | 3,228,181.43 |
| 503 | 621,071.58 | 3,228,250.57 |
| 504 | 620,883.91 | 3,228,319.71 |

| Vértice | X | Y |
|---------|------------|--------------|
| 505 | 620,724.34 | 3,228,439.03 |
| 506 | 620,567.30 | 3,228,562.88 |
| 507 | 620,410.27 | 3,228,686.74 |
| 508 | 620,213.42 | 3,228,695.83 |
| 509 | 620,013.42 | 3,228,695.83 |
| 510 | 619,815.84 | 3,228,704.42 |
| 511 | 619,645.29 | 3,228,808.88 |
| 512 | 619,474.74 | 3,228,913.34 |
| 513 | 619,304.18 | 3,229,017.79 |
| 514 | 619,169.13 | 3,229,165.09 |
| 515 | 619,034.83 | 3,229,313.29 |
| 516 | 618,898.72 | 3,229,459.67 |
| 517 | 618,749.80 | 3,229,593.18 |
| 518 | 618,600.89 | 3,229,726.68 |
| 519 | 618,436.31 | 3,229,837.53 |
| 520 | 618,258.76 | 3,229,929.59 |
| 521 | 618,081.21 | 3,230,021.65 |
| 522 | 617,907.65 | 3,230,120.74 |
| 523 | 617,737.64 | 3,230,226.09 |
| 524 | 617,567.64 | 3,230,331.44 |
| 525 | 617,396.15 | 3,230,434.34 |
| 526 | 617,224.21 | 3,230,536.50 |
| 527 | 617,053.57 | 3,230,640.61 |
| 528 | 616,893.19 | 3,230,760.10 |

| Vértice | X | Y |
|---------|------------|--------------|
| 529 | 616,732.48 | 3,230,878.78 |
| 530 | 616,534.14 | 3,230,904.49 |
| 531 | 616,383.82 | 3,230,965.83 |
| 532 | 616,416.71 | 3,231,163.11 |
| 533 | 616,506.62 | 3,231,319.42 |
| 534 | 616,686.61 | 3,231,405.42 |
| 535 | 616,875.96 | 3,231,469.80 |
| 536 | 617,049.35 | 3,231,564.14 |
| 537 | 617,208.34 | 3,231,685.47 |
| 538 | 617,306.05 | 3,231,858.89 |
| 539 | 617,400.63 | 3,232,035.03 |
| 540 | 617,540.39 | 3,232,178.10 |
| 541 | 617,685.42 | 3,232,314.73 |
| 542 | 617,853.03 | 3,232,423.86 |
| 543 | 618,005.66 | 3,232,550.91 |
| 544 | 618,142.87 | 3,232,696.42 |
| 545 | 618,243.59 | 3,232,868.56 |
| 546 | 618,238.39 | 3,233,035.84 |
| 547 | 618,117.00 | 3,233,194.28 |
| 548 | 618,200.74 | 3,233,375.90 |
| 549 | 618,290.01 | 3,233,554.81 |
| 550 | 618,382.65 | 3,233,732.06 |
| 551 | 618,393.46 | 3,233,869.16 |

Subzona de Aprovechamiento Sustentable de los Ecosistemas "Mesetas, Lomeríos y Cañadas"

Polígono 3

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 587,169.34 | 3,229,782.74 |
| 2 | 586,894.43 | 3,229,665.82 |
| 3 | 586,773.90 | 3,229,624.39 |
| 4 | 586,402.24 | 3,229,265.42 |
| 5 | 586,060.20 | 3,229,123.60 |
| 6 | 585,818.27 | 3,228,789.93 |
| 7 | 585,401.15 | 3,228,389.53 |
| 8 | 585,384.47 | 3,227,989.12 |
| 9 | 585,037.72 | 3,227,909.86 |
| 10 | 584,692.64 | 3,227,862.49 |
| 11 | 584,198.69 | 3,227,794.83 |
| 12 | 583,867.14 | 3,227,754.24 |
| 13 | 583,549.13 | 3,227,686.58 |
| 14 | 583,041.65 | 3,227,558.03 |
| 15 | 582,655.97 | 3,227,497.13 |
| 16 | 582,263.52 | 3,227,327.98 |
| 17 | 582,013.16 | 3,227,077.64 |
| 18 | 581,823.70 | 3,226,725.81 |
| 19 | 581,803.60 | 3,226,628.48 |
| 20 | 581,755.56 | 3,226,395.84 |
| 21 | 581,914.06 | 3,226,178.95 |
| 22 | 581,816.93 | 3,226,062.75 |

| Vértice | X | Y |
|---------|------------|--------------|
| 23 | 581,755.56 | 3,225,912.02 |
| 24 | 581,613.73 | 3,225,761.86 |
| 25 | 581,572.93 | 3,225,636.63 |
| 26 | 581,340.94 | 3,225,444.04 |
| 27 | 581,232.94 | 3,225,320.12 |
| 28 | 581,213.30 | 3,225,052.81 |
| 29 | 581,096.50 | 3,224,927.69 |
| 30 | 580,887.95 | 3,224,794.22 |
| 31 | 580,595.97 | 3,224,685.77 |
| 32 | 580,412.43 | 3,224,535.62 |
| 33 | 580,095.43 | 3,224,443.86 |
| 34 | 579,779.39 | 3,224,423.72 |
| 35 | 579,524.69 | 3,224,419.11 |
| 36 | 579,340.72 | 3,224,434.43 |
| 37 | 579,256.78 | 3,224,344.93 |
| 38 | 579,122.53 | 3,224,232.93 |
| 39 | 578,988.59 | 3,224,186.68 |
| 40 | 578,975.59 | 3,224,075.18 |
| 41 | 578,825.63 | 3,223,893.02 |
| 42 | 578,437.34 | 3,223,842.60 |
| 43 | 578,195.29 | 3,223,777.05 |
| 44 | 577,929.63 | 3,223,566.15 |

| Vértice | X | Y |
|---------|------------|--------------|
| 45 | 576,152.03 | 3,224,774.93 |
| 46 | 574,575.86 | 3,226,501.35 |
| 47 | 574,707.70 | 3,226,532.93 |
| 48 | 574,902.20 | 3,226,579.52 |
| 49 | 574,967.24 | 3,226,728.12 |
| 50 | 574,964.74 | 3,226,928.06 |
| 51 | 574,953.74 | 3,227,127.75 |
| 52 | 574,942.73 | 3,227,327.45 |
| 53 | 575,086.56 | 3,227,416.91 |
| 54 | 575,278.86 | 3,227,471.85 |
| 55 | 575,457.68 | 3,227,546.08 |
| 56 | 575,575.23 | 3,227,707.89 |
| 57 | 575,648.52 | 3,227,891.66 |
| 58 | 575,763.51 | 3,228,024.04 |
| 59 | 575,956.76 | 3,228,075.57 |
| 60 | 576,078.29 | 3,228,217.87 |
| 61 | 576,201.93 | 3,228,349.23 |
| 62 | 576,401.47 | 3,228,362.74 |
| 63 | 576,601.02 | 3,228,376.25 |
| 64 | 576,684.15 | 3,228,551.59 |
| 65 | 576,742.44 | 3,228,739.31 |
| 66 | 576,726.58 | 3,228,938.68 |
| 67 | 576,710.72 | 3,229,138.05 |
| 68 | 576,832.10 | 3,229,276.59 |
| 69 | 576,921.74 | 3,229,441.68 |
| 70 | 576,962.08 | 3,229,637.57 |
| 71 | 577,015.47 | 3,229,830.10 |
| 72 | 577,074.75 | 3,230,021.11 |
| 73 | 577,136.34 | 3,230,211.33 |
| 74 | 577,206.87 | 3,230,398.48 |
| 75 | 577,282.73 | 3,230,583.14 |
| 76 | 577,380.79 | 3,230,757.45 |
| 77 | 577,478.85 | 3,230,931.77 |
| 78 | 577,573.88 | 3,231,107.61 |
| 79 | 577,656.03 | 3,231,289.96 |
| 80 | 577,738.17 | 3,231,472.31 |
| 81 | 577,820.32 | 3,231,654.66 |
| 82 | 577,996.72 | 3,231,719.74 |
| 83 | 578,192.47 | 3,231,760.75 |
| 84 | 578,358.31 | 3,231,836.65 |
| 85 | 578,428.75 | 3,232,023.84 |
| 86 | 578,499.18 | 3,232,211.03 |
| 87 | 578,638.66 | 3,232,335.47 |
| 88 | 578,818.27 | 3,232,423.46 |
| 89 | 578,997.87 | 3,232,511.45 |
| 90 | 579,177.48 | 3,232,599.44 |
| 91 | 579,365.64 | 3,232,664.52 |
| 92 | 579,558.94 | 3,232,715.85 |
| 93 | 579,752.24 | 3,232,767.18 |
| 94 | 579,945.54 | 3,232,818.51 |
| 95 | 580,138.84 | 3,232,869.84 |
| 96 | 580,332.15 | 3,232,921.17 |

| Vértice | X | Y |
|---------|------------|--------------|
| 97 | 580,527.31 | 3,232,964.35 |
| 98 | 580,723.70 | 3,233,002.15 |
| 99 | 580,920.10 | 3,233,039.96 |
| 100 | 581,116.49 | 3,233,077.77 |
| 101 | 581,312.89 | 3,233,115.38 |
| 102 | 581,511.44 | 3,233,091.30 |
| 103 | 581,709.98 | 3,233,067.22 |
| 104 | 581,908.53 | 3,233,043.14 |
| 105 | 582,106.32 | 3,233,025.84 |
| 106 | 582,294.73 | 3,233,092.92 |
| 107 | 582,483.15 | 3,233,160.01 |
| 108 | 582,671.56 | 3,233,227.09 |
| 109 | 582,867.09 | 3,233,259.41 |
| 110 | 583,066.71 | 3,233,271.72 |
| 111 | 583,266.33 | 3,233,284.04 |
| 112 | 583,461.36 | 3,233,322.52 |
| 113 | 583,653.23 | 3,233,378.93 |
| 114 | 583,845.11 | 3,233,435.35 |
| 115 | 584,038.86 | 3,233,478.66 |
| 116 | 584,238.85 | 3,233,478.02 |
| 117 | 584,438.85 | 3,233,477.38 |
| 118 | 584,638.85 | 3,233,476.74 |
| 119 | 584,838.85 | 3,233,476.10 |
| 120 | 585,038.85 | 3,233,475.46 |
| 121 | 585,222.79 | 3,233,399.19 |
| 122 | 585,405.79 | 3,233,318.49 |
| 123 | 585,588.78 | 3,233,237.80 |
| 124 | 585,771.88 | 3,233,157.34 |
| 125 | 585,957.03 | 3,233,081.69 |
| 126 | 586,142.17 | 3,233,006.05 |
| 127 | 586,327.31 | 3,232,930.41 |
| 128 | 586,479.00 | 3,232,805.32 |
| 129 | 586,601.02 | 3,232,656.34 |
| 130 | 586,566.96 | 3,232,459.26 |
| 131 | 586,532.89 | 3,232,262.19 |
| 132 | 586,498.82 | 3,232,065.11 |
| 133 | 586,610.37 | 3,231,899.34 |
| 134 | 586,722.42 | 3,231,733.67 |
| 135 | 586,828.60 | 3,231,564.28 |
| 136 | 586,930.74 | 3,231,392.33 |
| 137 | 587,032.88 | 3,231,220.38 |
| 138 | 587,119.89 | 3,231,041.19 |
| 139 | 587,189.57 | 3,230,853.72 |
| 140 | 587,277.67 | 3,230,674.86 |
| 141 | 587,390.46 | 3,230,510.77 |
| 142 | 587,499.93 | 3,230,347.27 |
| 143 | 587,562.14 | 3,230,157.19 |
| 144 | 587,476.79 | 3,229,979.78 |
| 145 | 587,363.46 | 3,229,828.57 |
| 146 | 587,168.70 | 3,229,783.12 |
| 147 | 587,169.34 | 3,229,782.74 |

Subzona de Aprovechamiento Sustentable de los Ecosistemas "Mesetas, Lomeríos y Cañadas"

Polígono 4

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 611,776.57 | 3,227,849.39 |
| 2 | 611,653.80 | 3,227,691.81 |
| 3 | 611,540.31 | 3,227,527.13 |
| 4 | 611,432.75 | 3,227,358.60 |
| 5 | 611,375.26 | 3,227,178.57 |
| 6 | 611,445.99 | 3,226,997.23 |
| 7 | 611,557.44 | 3,226,831.49 |
| 8 | 611,622.45 | 3,226,644.00 |
| 9 | 611,598.45 | 3,226,449.13 |
| 10 | 611,493.31 | 3,226,303.20 |
| 11 | 611,293.32 | 3,226,304.71 |
| 12 | 611,094.13 | 3,226,310.99 |
| 13 | 610,905.26 | 3,226,338.42 |
| 14 | 610,835.62 | 3,226,164.08 |
| 15 | 610,812.89 | 3,226,027.81 |
| 16 | 610,934.37 | 3,225,869.81 |
| 17 | 611,057.19 | 3,225,718.11 |
| 18 | 611,076.43 | 3,225,520.48 |
| 19 | 611,055.45 | 3,225,328.09 |
| 20 | 611,100.29 | 3,225,169.16 |
| 21 | 611,242.00 | 3,225,035.91 |
| 22 | 611,324.78 | 3,224,878.08 |
| 23 | 611,370.74 | 3,224,685.10 |
| 24 | 611,523.18 | 3,224,559.60 |
| 25 | 611,676.72 | 3,224,433.29 |
| 26 | 611,761.68 | 3,224,255.38 |
| 27 | 611,846.73 | 3,224,074.42 |
| 28 | 611,960.06 | 3,223,911.57 |
| 29 | 612,050.84 | 3,223,735.28 |
| 30 | 612,080.15 | 3,223,537.77 |
| 31 | 612,087.97 | 3,223,337.92 |
| 32 | 612,095.80 | 3,223,138.07 |
| 33 | 612,103.63 | 3,222,938.23 |
| 34 | 612,077.17 | 3,222,752.37 |
| 35 | 612,204.22 | 3,222,601.96 |
| 36 | 612,216.10 | 3,222,405.32 |
| 37 | 612,076.29 | 3,222,262.60 |
| 38 | 611,920.47 | 3,222,150.45 |
| 39 | 611,866.47 | 3,221,957.88 |
| 40 | 611,889.52 | 3,221,773.47 |
| 41 | 611,988.77 | 3,221,601.32 |
| 42 | 612,139.70 | 3,221,470.09 |
| 43 | 612,289.42 | 3,221,337.60 |
| 44 | 612,427.36 | 3,221,192.77 |
| 45 | 612,569.98 | 3,221,053.44 |
| 46 | 612,734.43 | 3,220,939.60 |
| 47 | 612,898.18 | 3,220,824.84 |
| 48 | 613,054.89 | 3,220,700.56 |

| Vértice | X | Y |
|---------|------------|--------------|
| 49 | 613,211.59 | 3,220,576.29 |
| 50 | 613,306.66 | 3,220,409.40 |
| 51 | 613,367.62 | 3,220,218.91 |
| 52 | 613,285.94 | 3,220,041.99 |
| 53 | 613,196.10 | 3,219,863.66 |
| 54 | 613,123.61 | 3,219,677.26 |
| 55 | 613,027.71 | 3,219,501.79 |
| 56 | 612,894.32 | 3,219,363.40 |
| 57 | 612,722.05 | 3,219,262.59 |
| 58 | 612,570.20 | 3,219,132.43 |
| 59 | 612,377.95 | 3,219,087.98 |
| 60 | 612,181.24 | 3,219,051.97 |
| 61 | 611,985.12 | 3,219,012.75 |
| 62 | 611,788.17 | 3,218,994.25 |
| 63 | 611,589.54 | 3,219,017.61 |
| 64 | 611,390.83 | 3,219,039.91 |
| 65 | 611,190.99 | 3,219,047.90 |
| 66 | 610,992.98 | 3,219,070.28 |
| 67 | 610,797.55 | 3,219,112.77 |
| 68 | 610,598.18 | 3,219,118.60 |
| 69 | 610,398.71 | 3,219,127.12 |
| 70 | 610,200.25 | 3,219,151.93 |
| 71 | 610,002.23 | 3,219,179.93 |
| 72 | 609,804.36 | 3,219,209.03 |
| 73 | 609,619.35 | 3,219,273.78 |
| 74 | 609,448.51 | 3,219,377.76 |
| 75 | 609,304.68 | 3,219,513.95 |
| 76 | 609,172.55 | 3,219,664.08 |
| 77 | 609,031.26 | 3,219,805.04 |
| 78 | 608,880.74 | 3,219,936.73 |
| 79 | 608,727.34 | 3,220,064.94 |
| 80 | 608,569.46 | 3,220,187.72 |
| 81 | 608,409.00 | 3,220,306.46 |
| 82 | 608,231.55 | 3,220,398.73 |
| 83 | 608,059.31 | 3,220,499.14 |
| 84 | 607,901.05 | 3,220,621.43 |
| 85 | 607,746.28 | 3,220,747.95 |
| 86 | 607,596.05 | 3,220,879.97 |
| 87 | 607,445.81 | 3,221,011.99 |
| 88 | 607,281.06 | 3,221,122.80 |
| 89 | 607,103.61 | 3,221,215.07 |
| 90 | 606,956.92 | 3,221,346.49 |
| 91 | 606,825.22 | 3,221,497.00 |
| 92 | 606,738.89 | 3,221,671.70 |
| 93 | 606,687.36 | 3,221,864.95 |
| 94 | 606,644.26 | 3,222,060.07 |
| 95 | 606,609.10 | 3,222,256.96 |
| 96 | 606,596.34 | 3,222,455.83 |

| Vértice | X | Y |
|---------|------------|--------------|
| 97 | 606,596.34 | 3,222,655.83 |
| 98 | 606,545.81 | 3,222,848.75 |
| 99 | 606,490.86 | 3,223,041.06 |
| 100 | 606,484.62 | 3,223,240.94 |
| 101 | 606,478.56 | 3,223,440.84 |
| 102 | 606,471.16 | 3,223,640.70 |
| 103 | 606,463.12 | 3,223,840.54 |
| 104 | 606,454.63 | 3,224,040.36 |
| 105 | 606,442.18 | 3,224,239.91 |
| 106 | 606,410.01 | 3,224,432.03 |
| 107 | 606,244.14 | 3,224,540.93 |
| 108 | 606,191.85 | 3,224,725.95 |
| 109 | 606,322.56 | 3,224,872.21 |
| 110 | 606,413.55 | 3,225,022.16 |
| 111 | 606,413.28 | 3,225,220.38 |
| 112 | 606,432.56 | 3,225,417.88 |
| 113 | 606,457.56 | 3,225,592.88 |
| 114 | 606,492.90 | 3,225,789.74 |
| 115 | 606,612.75 | 3,225,939.95 |
| 116 | 606,769.24 | 3,226,064.28 |
| 117 | 606,949.30 | 3,226,150.72 |
| 118 | 607,114.29 | 3,226,263.60 |
| 119 | 607,253.40 | 3,226,407.12 |
| 120 | 607,400.25 | 3,226,542.82 |
| 121 | 607,551.62 | 3,226,673.49 |
| 122 | 607,696.36 | 3,226,811.51 |
| 123 | 607,859.82 | 3,226,926.32 |
| 124 | 607,993.20 | 3,227,074.20 |
| 125 | 608,129.36 | 3,227,220.63 |

| Vértice | X | Y |
|---------|------------|--------------|
| 126 | 608,264.82 | 3,227,367.67 |
| 127 | 608,391.61 | 3,227,522.34 |
| 128 | 608,531.94 | 3,227,664.45 |
| 129 | 608,718.91 | 3,227,715.10 |
| 130 | 608,886.49 | 3,227,806.81 |
| 131 | 609,069.52 | 3,227,884.46 |
| 132 | 609,267.43 | 3,227,910.55 |
| 133 | 609,459.05 | 3,227,874.18 |
| 134 | 609,600.94 | 3,227,758.92 |
| 135 | 609,756.44 | 3,227,884.49 |
| 136 | 609,893.97 | 3,228,027.51 |
| 137 | 610,007.47 | 3,228,191.69 |
| 138 | 610,138.56 | 3,228,341.86 |
| 139 | 610,301.83 | 3,228,457.38 |
| 140 | 610,491.31 | 3,228,517.90 |
| 141 | 610,686.19 | 3,228,562.54 |
| 142 | 610,878.83 | 3,228,586.10 |
| 143 | 611,052.38 | 3,228,486.94 |
| 144 | 611,236.01 | 3,228,408.15 |
| 145 | 611,428.11 | 3,228,359.85 |
| 146 | 611,627.80 | 3,228,348.77 |
| 147 | 611,819.31 | 3,228,309.89 |
| 148 | 611,952.58 | 3,228,175.75 |
| 149 | 611,908.34 | 3,227,999.73 |
| 150 | 611,776.57 | 3,227,849.39 |

Subzona de Aprovechamiento Sustentable de los Ecosistemas "Mesetas, Lomeríos y Cañadas"

Polígono 5

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 604,207.25 | 3,221,526.27 |
| 2 | 604,037.56 | 3,221,427.81 |
| 3 | 603,900.32 | 3,221,369.00 |
| 4 | 603,778.34 | 3,221,331.97 |
| 5 | 603,691.20 | 3,221,264.45 |
| 6 | 603,545.25 | 3,221,273.16 |
| 7 | 603,403.66 | 3,221,172.96 |
| 8 | 603,521.29 | 3,220,968.21 |
| 9 | 603,623.55 | 3,221,068.38 |
| 10 | 603,791.40 | 3,220,939.89 |
| 11 | 604,052.81 | 3,221,122.86 |
| 12 | 604,252.44 | 3,221,235.42 |
| 13 | 604,251.60 | 3,221,155.58 |
| 14 | 604,239.72 | 3,220,956.68 |
| 15 | 604,281.04 | 3,220,762.50 |
| 16 | 604,348.43 | 3,220,574.19 |
| 17 | 604,415.82 | 3,220,385.89 |

| Vértice | X | Y |
|---------|------------|--------------|
| 18 | 604,483.22 | 3,220,197.59 |
| 19 | 604,550.61 | 3,220,009.28 |
| 20 | 604,618.01 | 3,219,820.98 |
| 21 | 604,685.40 | 3,219,632.68 |
| 22 | 604,752.79 | 3,219,444.37 |
| 23 | 604,820.19 | 3,219,256.07 |
| 24 | 604,815.64 | 3,219,062.83 |
| 25 | 604,774.60 | 3,218,867.09 |
| 26 | 604,733.56 | 3,218,671.34 |
| 27 | 604,692.52 | 3,218,475.60 |
| 28 | 604,651.47 | 3,218,279.86 |
| 29 | 604,601.71 | 3,218,087.47 |
| 30 | 604,502.32 | 3,217,917.11 |
| 31 | 604,274.80 | 3,217,987.94 |
| 32 | 604,251.10 | 3,217,854.65 |
| 33 | 604,386.08 | 3,217,735.77 |
| 34 | 604,636.91 | 3,217,637.50 |

| Vértice | X | Y |
|---------|------------|--------------|
| 35 | 604,576.49 | 3,217,602.07 |
| 36 | 604,605.42 | 3,217,404.18 |
| 37 | 604,685.17 | 3,217,225.79 |
| 38 | 604,764.75 | 3,217,047.71 |
| 39 | 604,789.56 | 3,216,849.26 |
| 40 | 604,799.22 | 3,216,651.15 |
| 41 | 604,765.26 | 3,216,454.06 |
| 42 | 604,731.29 | 3,216,256.96 |
| 43 | 604,720.90 | 3,216,057.85 |
| 44 | 604,720.90 | 3,215,857.85 |
| 45 | 604,720.90 | 3,215,657.85 |
| 46 | 604,688.21 | 3,215,460.56 |
| 47 | 604,655.33 | 3,215,263.28 |
| 48 | 604,622.45 | 3,215,066.00 |
| 49 | 604,742.90 | 3,214,926.61 |
| 50 | 604,897.96 | 3,214,800.28 |
| 51 | 605,053.01 | 3,214,673.96 |
| 52 | 605,208.06 | 3,214,547.63 |
| 53 | 605,363.11 | 3,214,421.30 |
| 54 | 605,518.17 | 3,214,294.97 |
| 55 | 605,680.39 | 3,214,178.22 |
| 56 | 605,845.20 | 3,214,064.91 |
| 57 | 606,010.01 | 3,213,951.61 |
| 58 | 606,174.82 | 3,213,838.31 |
| 59 | 606,339.63 | 3,213,725.01 |
| 60 | 606,517.10 | 3,213,635.47 |
| 61 | 606,703.09 | 3,213,561.94 |
| 62 | 606,889.09 | 3,213,488.41 |
| 63 | 607,075.08 | 3,213,414.89 |
| 64 | 607,261.08 | 3,213,341.36 |
| 65 | 607,447.07 | 3,213,267.83 |
| 66 | 607,621.42 | 3,213,173.12 |
| 67 | 607,783.17 | 3,213,055.49 |
| 68 | 607,944.92 | 3,212,937.86 |
| 69 | 608,106.67 | 3,212,820.23 |
| 70 | 608,289.53 | 3,212,740.82 |
| 71 | 608,475.23 | 3,212,666.55 |
| 72 | 608,660.92 | 3,212,592.27 |
| 73 | 608,846.62 | 3,212,518.00 |
| 74 | 609,032.32 | 3,212,443.72 |
| 75 | 609,195.22 | 3,212,348.25 |
| 76 | 609,255.86 | 3,212,157.67 |
| 77 | 609,316.51 | 3,211,967.08 |
| 78 | 609,377.15 | 3,211,776.50 |
| 79 | 609,437.79 | 3,211,585.91 |
| 80 | 609,498.43 | 3,211,395.33 |
| 81 | 609,553.00 | 3,211,204.13 |
| 82 | 609,531.69 | 3,211,005.27 |
| 83 | 609,510.39 | 3,210,806.41 |
| 84 | 609,489.08 | 3,210,607.54 |

| Vértice | X | Y |
|---------|------------|--------------|
| 85 | 609,436.50 | 3,210,420.00 |
| 86 | 609,325.55 | 3,210,253.60 |
| 87 | 609,214.61 | 3,210,087.19 |
| 88 | 609,103.66 | 3,209,920.79 |
| 89 | 608,989.89 | 3,209,756.33 |
| 90 | 608,873.63 | 3,209,593.59 |
| 91 | 608,757.38 | 3,209,430.85 |
| 92 | 608,641.13 | 3,209,268.10 |
| 93 | 608,524.87 | 3,209,105.36 |
| 94 | 608,405.93 | 3,208,944.58 |
| 95 | 608,286.93 | 3,208,783.83 |
| 96 | 608,167.93 | 3,208,623.08 |
| 97 | 608,048.94 | 3,208,462.34 |
| 98 | 607,954.17 | 3,208,297.28 |
| 99 | 608,010.45 | 3,208,105.36 |
| 100 | 608,066.74 | 3,207,913.44 |
| 101 | 608,123.02 | 3,207,721.53 |
| 102 | 608,179.31 | 3,207,529.61 |
| 103 | 608,235.59 | 3,207,337.69 |
| 104 | 608,295.23 | 3,207,147.01 |
| 105 | 608,377.15 | 3,206,964.56 |
| 106 | 608,459.07 | 3,206,782.11 |
| 107 | 608,540.99 | 3,206,599.66 |
| 108 | 608,622.91 | 3,206,417.20 |
| 109 | 608,704.83 | 3,206,234.75 |
| 110 | 608,786.75 | 3,206,052.30 |
| 111 | 608,867.18 | 3,205,869.44 |
| 112 | 608,890.28 | 3,205,670.77 |
| 113 | 608,913.38 | 3,205,472.11 |
| 114 | 608,936.48 | 3,205,273.45 |
| 115 | 608,959.58 | 3,205,074.79 |
| 116 | 608,982.68 | 3,204,876.13 |
| 117 | 609,036.43 | 3,204,690.34 |
| 118 | 609,162.14 | 3,204,534.79 |
| 119 | 609,287.86 | 3,204,379.24 |
| 120 | 609,413.57 | 3,204,223.69 |
| 121 | 609,539.29 | 3,204,068.14 |
| 122 | 609,665.00 | 3,203,912.59 |
| 123 | 609,790.71 | 3,203,757.04 |
| 124 | 609,916.43 | 3,203,601.49 |
| 125 | 610,042.14 | 3,203,445.94 |
| 126 | 610,167.86 | 3,203,290.39 |
| 127 | 610,293.57 | 3,203,134.84 |
| 128 | 610,419.29 | 3,202,979.29 |
| 129 | 610,545.00 | 3,202,823.74 |
| 130 | 610,670.72 | 3,202,668.19 |
| 131 | 610,796.43 | 3,202,512.64 |
| 132 | 610,922.15 | 3,202,357.09 |
| 133 | 611,047.86 | 3,202,201.54 |
| 134 | 611,173.58 | 3,202,045.99 |

| Vértice | X | Y |
|---------|------------|--------------|
| 135 | 611,299.29 | 3,201,890.44 |
| 136 | 611,425.00 | 3,201,734.89 |
| 137 | 611,550.72 | 3,201,579.34 |
| 138 | 611,676.43 | 3,201,423.79 |
| 139 | 611,802.15 | 3,201,268.24 |
| 140 | 611,927.86 | 3,201,112.69 |
| 141 | 612,053.58 | 3,200,957.14 |
| 142 | 612,179.29 | 3,200,801.59 |
| 143 | 612,258.13 | 3,200,621.41 |
| 144 | 612,314.87 | 3,200,429.63 |
| 145 | 612,371.61 | 3,200,237.85 |
| 146 | 612,428.35 | 3,200,046.07 |
| 147 | 612,485.09 | 3,199,854.28 |
| 148 | 612,541.83 | 3,199,662.50 |
| 149 | 612,598.57 | 3,199,470.72 |
| 150 | 612,633.41 | 3,199,352.96 |
| 151 | 612,591.90 | 3,199,324.94 |
| 152 | 612,101.90 | 3,199,199.94 |
| 153 | 610,826.90 | 3,199,274.94 |
| 154 | 607,361.90 | 3,201,849.93 |
| 155 | 605,191.92 | 3,204,424.93 |
| 156 | 605,151.94 | 3,206,249.93 |
| 157 | 604,151.95 | 3,207,699.93 |
| 158 | 602,851.94 | 3,207,009.92 |
| 159 | 601,641.92 | 3,205,849.92 |
| 160 | 595,851.91 | 3,207,509.92 |
| 161 | 594,251.91 | 3,208,474.92 |
| 162 | 594,091.99 | 3,215,449.92 |
| 163 | 592,041.97 | 3,215,049.92 |
| 164 | 587,851.98 | 3,217,399.92 |
| 165 | 586,051.99 | 3,218,889.92 |
| 166 | 584,561.98 | 3,218,349.92 |
| 167 | 583,541.99 | 3,219,049.92 |
| 168 | 583,242.01 | 3,220,909.92 |
| 169 | 582,344.13 | 3,221,303.95 |
| 170 | 582,585.79 | 3,221,739.38 |
| 171 | 582,820.08 | 3,222,099.16 |
| 172 | 582,945.59 | 3,222,584.44 |
| 173 | 583,221.72 | 3,222,860.55 |
| 174 | 583,631.72 | 3,222,852.18 |
| 175 | 583,840.91 | 3,223,103.19 |
| 176 | 584,171.40 | 3,223,156.30 |
| 177 | 584,309.48 | 3,223,178.49 |
| 178 | 584,702.75 | 3,223,320.73 |
| 179 | 585,146.22 | 3,223,278.89 |
| 180 | 585,547.86 | 3,223,429.50 |
| 181 | 585,823.98 | 3,223,504.80 |
| 182 | 586,158.68 | 3,223,546.63 |
| 183 | 586,501.74 | 3,223,563.37 |
| 184 | 586,786.24 | 3,223,672.14 |

| Vértice | X | Y |
|---------|------------|--------------|
| 185 | 586,895.01 | 3,223,889.68 |
| 186 | 586,961.96 | 3,224,316.39 |
| 187 | 587,179.51 | 3,224,718.00 |
| 188 | 587,447.28 | 3,225,094.51 |
| 189 | 587,681.57 | 3,225,378.98 |
| 190 | 587,832.18 | 3,225,629.99 |
| 191 | 588,074.84 | 3,225,788.96 |
| 192 | 588,409.53 | 3,225,981.40 |
| 193 | 588,618.72 | 3,226,081.80 |
| 194 | 588,601.99 | 3,226,374.65 |
| 195 | 588,668.93 | 3,226,608.92 |
| 196 | 588,844.65 | 3,226,868.29 |
| 197 | 589,087.30 | 3,227,119.30 |
| 198 | 589,196.08 | 3,227,445.61 |
| 199 | 589,311.86 | 3,227,877.11 |
| 200 | 589,383.78 | 3,227,814.91 |
| 201 | 589,576.64 | 3,227,867.85 |
| 202 | 589,771.05 | 3,227,898.40 |
| 203 | 589,969.34 | 3,227,872.31 |
| 204 | 590,160.41 | 3,227,910.96 |
| 205 | 590,348.08 | 3,227,980.09 |
| 206 | 590,504.97 | 3,227,858.28 |
| 207 | 590,661.41 | 3,227,733.68 |
| 208 | 590,851.52 | 3,227,678.67 |
| 209 | 591,046.32 | 3,227,633.34 |
| 210 | 591,245.10 | 3,227,613.53 |
| 211 | 591,444.44 | 3,227,597.31 |
| 212 | 591,623.88 | 3,227,532.24 |
| 213 | 591,777.77 | 3,227,404.51 |
| 214 | 591,970.23 | 3,227,354.34 |
| 215 | 592,164.96 | 3,227,308.74 |
| 216 | 592,359.70 | 3,227,263.14 |
| 217 | 592,558.31 | 3,227,241.80 |
| 218 | 592,757.55 | 3,227,224.38 |
| 219 | 592,945.73 | 3,227,185.31 |
| 220 | 593,076.65 | 3,227,034.11 |
| 221 | 593,207.57 | 3,226,882.91 |
| 222 | 593,298.86 | 3,226,709.15 |
| 223 | 593,378.17 | 3,226,531.47 |
| 224 | 593,542.69 | 3,226,417.75 |
| 225 | 593,712.10 | 3,226,338.68 |
| 226 | 593,901.65 | 3,226,402.48 |
| 227 | 594,091.20 | 3,226,466.29 |
| 228 | 594,287.68 | 3,226,485.96 |
| 229 | 594,487.66 | 3,226,483.27 |
| 230 | 594,687.64 | 3,226,480.59 |
| 231 | 594,887.57 | 3,226,479.85 |
| 232 | 595,087.15 | 3,226,492.83 |
| 233 | 595,286.73 | 3,226,505.81 |
| 234 | 595,482.62 | 3,226,533.05 |

| Vértice | X | Y |
|---------|------------|--------------|
| 235 | 595,663.42 | 3,226,618.54 |
| 236 | 595,844.23 | 3,226,704.03 |
| 237 | 596,025.04 | 3,226,789.53 |
| 238 | 596,221.07 | 3,226,796.68 |
| 239 | 596,420.73 | 3,226,785.12 |
| 240 | 596,620.40 | 3,226,773.56 |
| 241 | 596,820.06 | 3,226,762.01 |
| 242 | 597,019.73 | 3,226,750.45 |
| 243 | 597,216.83 | 3,226,723.35 |
| 244 | 597,409.63 | 3,226,670.16 |
| 245 | 597,602.43 | 3,226,616.98 |
| 246 | 597,795.23 | 3,226,563.80 |
| 247 | 597,988.03 | 3,226,510.61 |
| 248 | 598,180.83 | 3,226,457.43 |
| 249 | 598,373.63 | 3,226,404.25 |
| 250 | 598,563.21 | 3,226,341.74 |
| 251 | 598,747.74 | 3,226,264.63 |
| 252 | 598,932.28 | 3,226,187.51 |
| 253 | 599,116.81 | 3,226,110.40 |
| 254 | 599,301.35 | 3,226,033.28 |
| 255 | 599,485.88 | 3,225,956.17 |
| 256 | 599,671.46 | 3,225,881.60 |
| 257 | 599,857.34 | 3,225,807.80 |
| 258 | 600,043.23 | 3,225,734.00 |
| 259 | 600,229.11 | 3,225,660.20 |
| 260 | 600,415.00 | 3,225,586.39 |
| 261 | 600,599.58 | 3,225,509.87 |
| 262 | 600,773.50 | 3,225,411.11 |
| 263 | 600,947.41 | 3,225,312.35 |

| Vértice | X | Y |
|---------|------------|--------------|
| 264 | 601,121.33 | 3,225,213.59 |
| 265 | 601,295.24 | 3,225,114.83 |
| 266 | 601,469.16 | 3,225,016.07 |
| 267 | 601,626.19 | 3,224,893.44 |
| 268 | 601,777.32 | 3,224,762.44 |
| 269 | 601,928.44 | 3,224,631.44 |
| 270 | 602,079.57 | 3,224,500.44 |
| 271 | 602,230.69 | 3,224,369.43 |
| 272 | 602,381.82 | 3,224,238.43 |
| 273 | 602,540.09 | 3,224,116.19 |
| 274 | 602,698.82 | 3,223,994.52 |
| 275 | 602,830.65 | 3,223,852.07 |
| 276 | 602,908.26 | 3,223,667.74 |
| 277 | 602,987.43 | 3,223,484.09 |
| 278 | 603,067.96 | 3,223,301.01 |
| 279 | 603,153.26 | 3,223,120.56 |
| 280 | 603,264.21 | 3,222,954.15 |
| 281 | 603,393.06 | 3,222,802.43 |
| 282 | 603,534.50 | 3,222,661.03 |
| 283 | 603,675.94 | 3,222,519.62 |
| 284 | 603,801.12 | 3,222,365.80 |
| 285 | 603,900.33 | 3,222,192.14 |
| 286 | 603,999.55 | 3,222,018.48 |
| 287 | 604,098.76 | 3,221,844.83 |
| 288 | 604,140.02 | 3,221,650.53 |
| 289 | 604,207.25 | 3,221,526.27 |

Subzona de Aprovechamiento Sustentable de los Ecosistemas "Mesetas, Lomeríos y Cañadas"

Polígono 6

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 628,830.72 | 3,223,035.11 |
| 2 | 628,954.43 | 3,222,882.72 |
| 3 | 629,028.61 | 3,222,697.06 |
| 4 | 629,055.53 | 3,222,501.23 |
| 5 | 629,158.25 | 3,222,339.31 |
| 6 | 629,324.35 | 3,222,257.22 |
| 7 | 629,464.36 | 3,222,139.69 |
| 8 | 629,655.26 | 3,222,093.77 |
| 9 | 629,833.68 | 3,222,006.05 |
| 10 | 630,010.28 | 3,221,918.34 |
| 11 | 630,162.28 | 3,221,788.35 |
| 12 | 630,275.53 | 3,221,630.19 |
| 13 | 630,293.80 | 3,221,432.14 |
| 14 | 630,209.03 | 3,221,256.41 |
| 15 | 630,323.47 | 3,221,102.18 |

| Vértice | X | Y |
|---------|------------|--------------|
| 16 | 630,236.46 | 3,220,991.99 |
| 17 | 630,055.35 | 3,220,930.80 |
| 18 | 629,856.31 | 3,220,950.32 |
| 19 | 629,657.26 | 3,220,969.85 |
| 20 | 629,614.27 | 3,220,787.76 |
| 21 | 629,583.28 | 3,220,590.18 |
| 22 | 629,671.82 | 3,220,415.41 |
| 23 | 629,773.41 | 3,220,243.13 |
| 24 | 629,874.99 | 3,220,070.85 |
| 25 | 630,031.20 | 3,219,954.34 |
| 26 | 630,205.55 | 3,219,856.35 |
| 27 | 630,338.44 | 3,219,710.20 |
| 28 | 630,461.99 | 3,219,552.97 |
| 29 | 630,595.78 | 3,219,404.31 |
| 30 | 630,730.99 | 3,219,258.51 |

| Vértice | X | Y |
|---------|------------|--------------|
| 31 | 630,930.34 | 3,219,242.43 |
| 32 | 631,129.70 | 3,219,226.36 |
| 33 | 631,308.91 | 3,219,150.35 |
| 34 | 631,477.49 | 3,219,042.75 |
| 35 | 631,602.71 | 3,218,896.56 |
| 36 | 631,699.77 | 3,218,724.57 |
| 37 | 631,858.13 | 3,218,602.41 |
| 38 | 631,986.53 | 3,218,455.14 |
| 39 | 632,079.19 | 3,218,277.90 |
| 40 | 632,192.56 | 3,218,114.58 |
| 41 | 632,308.91 | 3,217,953.82 |
| 42 | 632,388.72 | 3,217,770.63 |
| 43 | 632,438.29 | 3,217,576.87 |
| 44 | 632,431.75 | 3,217,390.95 |
| 45 | 632,310.42 | 3,217,237.45 |
| 46 | 632,144.60 | 3,217,125.62 |
| 47 | 632,035.59 | 3,217,052.11 |
| 48 | 631,952.47 | 3,216,870.20 |
| 49 | 631,869.35 | 3,216,688.29 |
| 50 | 632,032.91 | 3,216,604.59 |
| 51 | 632,195.31 | 3,216,493.75 |
| 52 | 632,340.71 | 3,216,356.42 |
| 53 | 632,519.72 | 3,216,280.48 |
| 54 | 632,713.75 | 3,216,231.97 |
| 55 | 632,909.32 | 3,216,190.84 |
| 56 | 633,106.48 | 3,216,157.24 |
| 57 | 633,302.86 | 3,216,119.45 |
| 58 | 633,499.02 | 3,216,080.40 |
| 59 | 633,695.17 | 3,216,041.34 |
| 60 | 633,860.04 | 3,215,954.48 |
| 61 | 633,974.40 | 3,215,790.41 |
| 62 | 634,096.45 | 3,215,632.01 |
| 63 | 634,221.57 | 3,215,476.25 |
| 64 | 634,372.43 | 3,215,344.95 |
| 65 | 634,520.53 | 3,215,211.22 |
| 66 | 634,631.38 | 3,215,044.75 |
| 67 | 634,745.44 | 3,214,880.60 |
| 68 | 634,868.76 | 3,214,723.14 |
| 69 | 634,973.54 | 3,214,556.14 |
| 70 | 635,030.22 | 3,214,364.33 |
| 71 | 634,983.02 | 3,214,197.78 |
| 72 | 634,828.21 | 3,214,094.74 |
| 73 | 634,628.47 | 3,214,104.85 |
| 74 | 634,428.72 | 3,214,114.97 |
| 75 | 634,245.10 | 3,214,159.99 |
| 76 | 634,107.85 | 3,214,305.47 |
| 77 | 633,970.60 | 3,214,450.94 |

| Vértice | X | Y |
|---------|------------|--------------|
| 78 | 633,804.43 | 3,214,543.03 |
| 79 | 633,607.61 | 3,214,578.56 |
| 80 | 633,410.79 | 3,214,614.09 |
| 81 | 633,238.47 | 3,214,707.09 |
| 82 | 633,076.56 | 3,214,824.50 |
| 83 | 632,967.51 | 3,214,757.72 |
| 84 | 632,892.50 | 3,214,572.32 |
| 85 | 632,905.21 | 3,214,392.03 |
| 86 | 633,001.24 | 3,214,216.60 |
| 87 | 633,061.83 | 3,214,026.69 |
| 88 | 633,082.99 | 3,213,834.10 |
| 89 | 633,029.56 | 3,213,641.37 |
| 90 | 632,846.55 | 3,213,712.00 |
| 91 | 632,736.85 | 3,213,878.65 |
| 92 | 632,607.94 | 3,214,031.56 |
| 93 | 632,482.37 | 3,214,187.16 |
| 94 | 632,360.79 | 3,214,345.96 |
| 95 | 632,239.21 | 3,214,504.76 |
| 96 | 632,116.18 | 3,214,662.05 |
| 97 | 631,951.57 | 3,214,775.64 |
| 98 | 631,766.35 | 3,214,817.88 |
| 99 | 631,566.52 | 3,214,809.57 |
| 100 | 631,405.40 | 3,214,743.06 |
| 101 | 631,311.63 | 3,214,566.41 |
| 102 | 631,164.68 | 3,214,437.41 |
| 103 | 631,154.47 | 3,214,293.27 |
| 104 | 631,262.04 | 3,214,124.74 |
| 105 | 631,330.40 | 3,213,936.78 |
| 106 | 631,318.72 | 3,213,738.12 |
| 107 | 631,171.98 | 3,213,619.85 |
| 108 | 630,979.79 | 3,213,576.11 |
| 109 | 630,793.92 | 3,213,603.09 |
| 110 | 630,615.55 | 3,213,692.26 |
| 111 | 630,443.67 | 3,213,618.51 |
| 112 | 630,467.00 | 3,213,424.10 |
| 113 | 630,389.77 | 3,213,250.24 |
| 114 | 630,213.09 | 3,213,182.05 |
| 115 | 630,016.41 | 3,213,205.66 |
| 116 | 629,832.29 | 3,213,281.20 |
| 117 | 629,647.22 | 3,213,356.56 |
| 118 | 629,459.47 | 3,213,425.48 |
| 119 | 629,271.72 | 3,213,494.40 |
| 120 | 629,084.95 | 3,213,565.89 |
| 121 | 628,898.88 | 3,213,639.23 |
| 122 | 628,712.81 | 3,213,712.56 |
| 123 | 628,578.56 | 3,213,826.01 |
| 124 | 628,553.73 | 3,214,024.47 |

| Vértice | X | Y |
|---------|------------|--------------|
| 125 | 628,513.62 | 3,214,220.27 |
| 126 | 628,455.56 | 3,214,407.45 |
| 127 | 628,311.18 | 3,214,545.34 |
| 128 | 628,147.42 | 3,214,660.15 |
| 129 | 627,991.29 | 3,214,785.14 |
| 130 | 627,864.09 | 3,214,670.46 |
| 131 | 627,751.50 | 3,214,505.87 |
| 132 | 627,656.70 | 3,214,329.77 |
| 133 | 627,528.96 | 3,214,481.04 |
| 134 | 627,490.48 | 3,214,657.46 |
| 135 | 627,537.73 | 3,214,850.53 |
| 136 | 627,638.56 | 3,215,023.26 |
| 137 | 627,652.70 | 3,215,219.43 |
| 138 | 627,524.61 | 3,215,220.51 |
| 139 | 627,332.10 | 3,215,200.95 |
| 140 | 627,191.97 | 3,215,321.20 |
| 141 | 627,044.38 | 3,215,449.65 |
| 142 | 626,859.13 | 3,215,485.99 |
| 143 | 626,669.09 | 3,215,508.24 |
| 144 | 626,499.25 | 3,215,603.69 |
| 145 | 626,484.99 | 3,215,803.18 |
| 146 | 626,449.96 | 3,215,999.72 |
| 147 | 626,358.17 | 3,216,165.77 |
| 148 | 626,207.32 | 3,216,297.07 |
| 149 | 626,063.44 | 3,216,435.99 |
| 150 | 625,935.91 | 3,216,588.55 |
| 151 | 625,824.99 | 3,216,754.97 |
| 152 | 625,688.91 | 3,216,900.88 |
| 153 | 625,536.55 | 3,217,029.44 |
| 154 | 625,374.81 | 3,217,147.08 |
| 155 | 625,245.40 | 3,217,298.29 |
| 156 | 625,121.86 | 3,217,455.57 |
| 157 | 625,056.27 | 3,217,624.87 |
| 158 | 625,150.82 | 3,217,732.84 |
| 159 | 625,332.13 | 3,217,673.33 |
| 160 | 625,405.92 | 3,217,859.21 |
| 161 | 625,472.51 | 3,218,047.80 |
| 162 | 625,578.40 | 3,218,207.09 |
| 163 | 625,743.00 | 3,218,289.93 |
| 164 | 625,921.90 | 3,218,200.51 |
| 165 | 626,118.47 | 3,218,223.76 |
| 166 | 626,307.33 | 3,218,286.47 |
| 167 | 626,448.43 | 3,218,393.19 |
| 168 | 626,462.01 | 3,218,592.73 |
| 169 | 626,290.51 | 3,218,675.93 |
| 170 | 626,115.67 | 3,218,773.05 |

| Vértice | X | Y |
|---------|------------|--------------|
| 171 | 626,042.28 | 3,218,929.82 |
| 172 | 626,114.76 | 3,219,095.00 |
| 173 | 626,283.71 | 3,219,183.48 |
| 174 | 626,483.71 | 3,219,183.48 |
| 175 | 626,623.14 | 3,219,292.83 |
| 176 | 626,742.54 | 3,219,453.04 |
| 177 | 626,756.43 | 3,219,613.00 |
| 178 | 626,620.47 | 3,219,752.26 |
| 179 | 626,440.05 | 3,219,838.58 |
| 180 | 626,284.45 | 3,219,959.43 |
| 181 | 626,145.10 | 3,220,102.89 |
| 182 | 626,178.35 | 3,220,297.97 |
| 183 | 626,228.26 | 3,220,491.47 |
| 184 | 626,280.50 | 3,220,677.75 |
| 185 | 626,351.07 | 3,220,864.86 |
| 186 | 626,510.84 | 3,220,927.43 |
| 187 | 626,710.69 | 3,220,935.26 |
| 188 | 626,883.38 | 3,221,017.78 |
| 189 | 627,041.61 | 3,221,140.11 |
| 190 | 626,918.25 | 3,221,245.76 |
| 191 | 626,777.13 | 3,221,385.68 |
| 192 | 626,701.11 | 3,221,556.34 |
| 193 | 626,764.53 | 3,221,727.33 |
| 194 | 626,955.03 | 3,221,788.10 |
| 195 | 627,098.74 | 3,221,920.14 |
| 196 | 627,033.57 | 3,222,085.66 |
| 197 | 626,865.30 | 3,222,153.07 |
| 198 | 626,665.91 | 3,222,168.70 |
| 199 | 626,510.07 | 3,222,280.22 |
| 200 | 626,433.91 | 3,222,465.15 |
| 201 | 626,402.80 | 3,222,656.63 |
| 202 | 626,456.45 | 3,222,838.29 |
| 203 | 626,642.97 | 3,222,909.66 |
| 204 | 626,837.31 | 3,222,952.15 |
| 205 | 627,019.40 | 3,223,023.54 |
| 206 | 627,204.37 | 3,222,963.99 |
| 207 | 627,386.72 | 3,223,029.23 |
| 208 | 627,549.85 | 3,223,121.61 |
| 209 | 627,746.49 | 3,223,141.08 |
| 210 | 627,926.16 | 3,223,223.55 |
| 211 | 628,111.79 | 3,223,277.55 |
| 212 | 628,311.23 | 3,223,273.03 |
| 213 | 628,507.71 | 3,223,246.35 |
| 214 | 628,695.50 | 3,223,177.52 |
| 215 | 628,830.72 | 3,223,035.11 |

Subzona de Aprovechamiento Sustentable de los Ecosistemas "Valles Intermontanos"

Polígono 1

Incluye los polígonos correspondientes a las subzonas de Aprovechamiento Sustentable de los Ecosistemas "Mesetas, Lomeríos y Cañadas" polígonos 4 y 6, Uso Público polígonos 3 y 4 y Asentamientos Humanos polígonos 1, 2, 3, 4, 5, 6, 10, 11, 12 y 13 por lo cual al momento de generar el polígono 1 de la Subzona de Aprovechamiento Sustentable de los Ecosistemas "Valles Intermontanos" éstos deberán incluirse.

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 616,938.32 | 3,237,358.38 |
| 2 | 616,946.44 | 3,237,373.76 |
| 3 | 617,080.47 | 3,237,520.12 |
| 4 | 617,246.69 | 3,237,631.34 |
| 5 | 617,405.99 | 3,237,751.49 |
| 6 | 617,555.26 | 3,237,884.61 |
| 7 | 617,708.80 | 3,238,008.39 |
| 8 | 617,907.05 | 3,238,034.84 |
| 9 | 618,104.26 | 3,238,050.35 |
| 10 | 618,239.46 | 3,237,929.46 |
| 11 | 618,317.20 | 3,237,745.59 |
| 12 | 618,425.84 | 3,237,577.68 |
| 13 | 618,534.49 | 3,237,409.76 |
| 14 | 618,643.13 | 3,237,241.84 |
| 15 | 618,751.78 | 3,237,073.92 |
| 16 | 618,833.91 | 3,236,896.01 |
| 17 | 618,863.15 | 3,236,698.16 |
| 18 | 618,909.61 | 3,236,503.96 |
| 19 | 618,963.21 | 3,236,311.28 |
| 20 | 618,988.49 | 3,236,113.70 |
| 21 | 618,966.44 | 3,235,915.52 |
| 22 | 618,926.73 | 3,235,721.44 |
| 23 | 618,795.34 | 3,235,598.04 |
| 24 | 618,595.82 | 3,235,584.15 |
| 25 | 618,442.66 | 3,235,492.81 |
| 26 | 618,418.38 | 3,235,294.64 |
| 27 | 618,421.15 | 3,235,095.15 |
| 28 | 618,434.50 | 3,234,895.67 |
| 29 | 618,457.67 | 3,234,697.01 |
| 30 | 618,480.84 | 3,234,498.36 |
| 31 | 618,457.06 | 3,234,303.27 |
| 32 | 618,409.52 | 3,234,109.49 |
| 33 | 618,396.67 | 3,233,909.91 |
| 34 | 618,393.46 | 3,233,869.16 |
| 35 | 618,382.65 | 3,233,732.06 |
| 36 | 618,290.01 | 3,233,554.81 |
| 37 | 618,200.74 | 3,233,375.90 |
| 38 | 618,117.00 | 3,233,194.28 |
| 39 | 618,238.39 | 3,233,035.84 |
| 40 | 618,243.59 | 3,232,868.56 |
| 41 | 618,142.87 | 3,232,696.42 |
| 42 | 618,005.66 | 3,232,550.91 |
| 43 | 617,853.03 | 3,232,423.86 |
| 44 | 617,685.42 | 3,232,314.73 |

| Vértice | X | Y |
|---------|------------|--------------|
| 45 | 617,540.39 | 3,232,178.10 |
| 46 | 617,400.63 | 3,232,035.03 |
| 47 | 617,306.05 | 3,231,858.89 |
| 48 | 617,208.34 | 3,231,685.47 |
| 49 | 617,049.35 | 3,231,564.14 |
| 50 | 616,875.96 | 3,231,469.80 |
| 51 | 616,686.61 | 3,231,405.42 |
| 52 | 616,506.62 | 3,231,319.42 |
| 53 | 616,416.71 | 3,231,163.11 |
| 54 | 616,383.82 | 3,230,965.83 |
| 55 | 616,534.14 | 3,230,904.49 |
| 56 | 616,732.48 | 3,230,878.78 |
| 57 | 616,893.19 | 3,230,760.10 |
| 58 | 617,053.57 | 3,230,640.61 |
| 59 | 617,224.21 | 3,230,536.50 |
| 60 | 617,396.15 | 3,230,434.34 |
| 61 | 617,567.64 | 3,230,331.44 |
| 62 | 617,737.64 | 3,230,226.09 |
| 63 | 617,907.65 | 3,230,120.74 |
| 64 | 618,081.21 | 3,230,021.65 |
| 65 | 618,258.76 | 3,229,929.59 |
| 66 | 618,436.31 | 3,229,837.53 |
| 67 | 618,600.89 | 3,229,726.68 |
| 68 | 618,749.80 | 3,229,593.18 |
| 69 | 618,898.72 | 3,229,459.67 |
| 70 | 619,034.83 | 3,229,313.29 |
| 71 | 619,169.13 | 3,229,165.09 |
| 72 | 619,304.18 | 3,229,017.79 |
| 73 | 619,474.74 | 3,228,913.34 |
| 74 | 619,645.29 | 3,228,808.88 |
| 75 | 619,815.84 | 3,228,704.42 |
| 76 | 620,013.42 | 3,228,695.83 |
| 77 | 620,213.42 | 3,228,695.83 |
| 78 | 620,410.27 | 3,228,686.74 |
| 79 | 620,567.30 | 3,228,562.88 |
| 80 | 620,724.34 | 3,228,439.03 |
| 81 | 620,883.91 | 3,228,319.71 |
| 82 | 621,071.58 | 3,228,250.57 |
| 83 | 621,259.25 | 3,228,181.43 |
| 84 | 621,446.92 | 3,228,112.29 |
| 85 | 621,643.36 | 3,228,084.77 |
| 86 | 621,842.97 | 3,228,072.29 |
| 87 | 622,042.58 | 3,228,059.82 |
| 88 | 622,242.19 | 3,228,047.34 |

| Vértice | X | Y |
|---------|------------|--------------|
| 89 | 622,436.83 | 3,228,072.51 |
| 90 | 622,626.33 | 3,228,136.44 |
| 91 | 622,815.84 | 3,228,200.37 |
| 92 | 623,006.76 | 3,228,192.61 |
| 93 | 623,198.63 | 3,228,136.18 |
| 94 | 623,390.51 | 3,228,079.75 |
| 95 | 623,544.85 | 3,227,954.66 |
| 96 | 623,710.26 | 3,227,846.29 |
| 97 | 623,893.50 | 3,227,766.13 |
| 98 | 624,071.92 | 3,227,677.26 |
| 99 | 624,237.51 | 3,227,565.09 |
| 100 | 624,409.15 | 3,227,462.68 |
| 101 | 624,584.57 | 3,227,366.73 |
| 102 | 624,763.46 | 3,227,277.29 |
| 103 | 624,958.64 | 3,227,233.95 |
| 104 | 625,152.28 | 3,227,185.10 |
| 105 | 625,340.77 | 3,227,118.22 |
| 106 | 625,495.05 | 3,226,993.30 |
| 107 | 625,640.65 | 3,226,856.36 |
| 108 | 625,781.01 | 3,226,713.88 |
| 109 | 625,969.37 | 3,226,673.77 |
| 110 | 626,168.22 | 3,226,655.23 |
| 111 | 626,351.75 | 3,226,575.76 |
| 112 | 626,535.29 | 3,226,496.29 |
| 113 | 626,733.28 | 3,226,478.99 |
| 114 | 626,933.05 | 3,226,469.31 |
| 115 | 627,132.51 | 3,226,455.59 |
| 116 | 627,331.50 | 3,226,435.53 |
| 117 | 627,530.49 | 3,226,415.47 |
| 118 | 627,729.49 | 3,226,395.41 |
| 119 | 627,928.48 | 3,226,375.35 |
| 120 | 628,126.19 | 3,226,394.96 |
| 121 | 628,323.46 | 3,226,427.83 |
| 122 | 628,520.42 | 3,226,462.21 |
| 123 | 628,713.90 | 3,226,512.88 |
| 124 | 628,907.37 | 3,226,563.54 |
| 125 | 629,094.30 | 3,226,560.59 |
| 126 | 629,269.88 | 3,226,464.82 |
| 127 | 629,445.40 | 3,226,368.95 |
| 128 | 629,616.24 | 3,226,264.96 |
| 129 | 629,782.96 | 3,226,154.98 |
| 130 | 629,941.22 | 3,226,032.69 |
| 131 | 630,099.41 | 3,225,910.32 |
| 132 | 630,257.56 | 3,225,787.89 |
| 133 | 630,416.03 | 3,225,665.88 |
| 134 | 630,576.58 | 3,225,546.62 |
| 135 | 630,737.13 | 3,225,427.36 |
| 136 | 630,890.85 | 3,225,300.05 |
| 137 | 631,034.50 | 3,225,160.90 |
| 138 | 631,178.15 | 3,225,021.74 |

| Vértice | X | Y |
|---------|------------|--------------|
| 139 | 631,323.84 | 3,224,884.75 |
| 140 | 631,470.81 | 3,224,749.09 |
| 141 | 631,617.77 | 3,224,613.44 |
| 142 | 631,764.74 | 3,224,477.79 |
| 143 | 631,915.80 | 3,224,347.48 |
| 144 | 632,084.82 | 3,224,240.56 |
| 145 | 632,253.84 | 3,224,133.63 |
| 146 | 632,422.86 | 3,224,026.71 |
| 147 | 632,587.25 | 3,223,913.03 |
| 148 | 632,747.95 | 3,223,793.98 |
| 149 | 632,909.12 | 3,223,676.44 |
| 150 | 633,021.79 | 3,223,511.19 |
| 151 | 633,146.80 | 3,223,355.11 |
| 152 | 633,274.95 | 3,223,201.59 |
| 153 | 633,404.60 | 3,223,049.30 |
| 154 | 633,525.51 | 3,222,890.15 |
| 155 | 633,642.61 | 3,222,728.02 |
| 156 | 633,776.61 | 3,222,581.35 |
| 157 | 633,927.75 | 3,222,450.37 |
| 158 | 634,103.08 | 3,222,354.95 |
| 159 | 634,282.57 | 3,222,267.00 |
| 160 | 634,466.26 | 3,222,187.91 |
| 161 | 634,635.23 | 3,222,082.13 |
| 162 | 634,800.06 | 3,221,968.86 |
| 163 | 634,964.90 | 3,221,855.60 |
| 164 | 635,129.74 | 3,221,742.34 |
| 165 | 635,294.58 | 3,221,629.08 |
| 166 | 635,459.42 | 3,221,515.81 |
| 167 | 635,624.26 | 3,221,402.55 |
| 168 | 635,789.09 | 3,221,289.29 |
| 169 | 635,956.38 | 3,221,180.19 |
| 170 | 636,135.56 | 3,221,091.34 |
| 171 | 636,320.45 | 3,221,015.58 |
| 172 | 636,507.37 | 3,220,944.44 |
| 173 | 636,691.57 | 3,220,866.51 |
| 174 | 636,880.92 | 3,220,810.39 |
| 175 | 637,080.50 | 3,220,797.43 |
| 176 | 637,252.43 | 3,220,713.34 |
| 177 | 637,364.11 | 3,220,584.02 |
| 178 | 637,472.61 | 3,220,492.52 |
| 179 | 637,576.60 | 3,220,396.51 |
| 180 | 637,727.55 | 3,220,348.25 |
| 181 | 637,827.61 | 3,220,186.14 |
| 182 | 637,968.55 | 3,220,045.00 |
| 183 | 637,923.41 | 3,219,957.00 |
| 184 | 637,780.26 | 3,219,855.31 |
| 185 | 637,861.89 | 3,219,694.46 |
| 186 | 638,031.01 | 3,219,592.36 |
| 187 | 638,204.28 | 3,219,501.71 |
| 188 | 638,361.82 | 3,219,397.72 |

| Vértice | X | Y |
|---------|------------|--------------|
| 189 | 638,536.55 | 3,219,305.47 |
| 190 | 638,720.81 | 3,219,256.87 |
| 191 | 638,867.69 | 3,219,137.11 |
| 192 | 639,029.94 | 3,219,032.89 |
| 193 | 639,197.77 | 3,219,067.51 |
| 194 | 639,290.04 | 3,218,959.79 |
| 195 | 639,371.41 | 3,218,841.16 |
| 196 | 639,452.79 | 3,218,722.54 |
| 197 | 639,615.54 | 3,218,685.29 |
| 198 | 639,736.51 | 3,218,606.26 |
| 199 | 639,873.08 | 3,218,534.08 |
| 200 | 640,042.87 | 3,218,431.71 |
| 201 | 640,199.45 | 3,218,320.92 |
| 202 | 640,361.36 | 3,218,267.44 |
| 203 | 640,483.60 | 3,218,181.66 |
| 204 | 640,592.10 | 3,218,090.16 |
| 205 | 640,711.46 | 3,218,009.52 |
| 206 | 640,829.96 | 3,217,928.02 |
| 207 | 640,917.60 | 3,217,815.66 |
| 208 | 641,012.96 | 3,217,711.02 |
| 209 | 641,107.47 | 3,217,569.29 |
| 210 | 641,205.20 | 3,217,467.02 |
| 211 | 641,278.16 | 3,217,339.97 |
| 212 | 641,415.20 | 3,217,277.02 |
| 213 | 641,514.34 | 3,217,176.16 |
| 214 | 641,595.72 | 3,217,057.54 |
| 215 | 641,662.70 | 3,216,924.52 |
| 216 | 641,731.41 | 3,216,793.22 |
| 217 | 641,649.97 | 3,216,685.87 |
| 218 | 641,525.86 | 3,216,761.77 |
| 219 | 641,405.84 | 3,216,787.25 |
| 220 | 641,235.50 | 3,216,812.23 |
| 221 | 641,049.00 | 3,216,850.77 |
| 222 | 640,963.68 | 3,216,709.11 |
| 223 | 640,891.40 | 3,216,526.40 |
| 224 | 640,917.59 | 3,216,356.01 |
| 225 | 640,971.84 | 3,216,210.26 |
| 226 | 641,053.21 | 3,216,091.64 |
| 227 | 641,191.09 | 3,216,083.52 |
| 228 | 641,297.34 | 3,215,989.76 |
| 229 | 641,297.34 | 3,215,859.89 |
| 230 | 641,341.22 | 3,215,703.77 |
| 231 | 641,432.72 | 3,215,595.27 |
| 232 | 641,415.71 | 3,215,432.52 |
| 233 | 641,514.34 | 3,215,331.14 |
| 234 | 641,610.71 | 3,215,204.39 |
| 235 | 641,754.30 | 3,215,309.49 |
| 236 | 641,847.84 | 3,215,427.17 |
| 237 | 641,867.02 | 3,215,365.81 |
| 238 | 641,885.07 | 3,215,215.50 |

| Vértice | X | Y |
|---------|------------|--------------|
| 239 | 641,766.07 | 3,215,070.66 |
| 240 | 641,693.29 | 3,214,929.40 |
| 241 | 641,610.15 | 3,214,862.77 |
| 242 | 641,701.65 | 3,214,754.27 |
| 243 | 641,861.31 | 3,214,791.69 |
| 244 | 641,987.52 | 3,214,917.02 |
| 245 | 642,106.02 | 3,214,998.52 |
| 246 | 642,024.77 | 3,214,890.02 |
| 247 | 641,972.22 | 3,214,726.91 |
| 248 | 641,880.00 | 3,214,560.01 |
| 249 | 641,867.02 | 3,214,416.73 |
| 250 | 641,921.27 | 3,214,270.98 |
| 251 | 642,084.02 | 3,214,233.73 |
| 252 | 642,111.14 | 3,214,060.86 |
| 253 | 642,139.98 | 3,213,994.77 |
| 254 | 642,111.14 | 3,213,842.64 |
| 255 | 642,165.39 | 3,213,696.89 |
| 256 | 642,283.51 | 3,213,615.02 |
| 257 | 642,348.01 | 3,213,479.52 |
| 258 | 642,463.76 | 3,213,449.77 |
| 259 | 642,531.58 | 3,213,286.06 |
| 260 | 642,518.01 | 3,213,118.83 |
| 261 | 642,653.64 | 3,213,054.45 |
| 262 | 642,762.14 | 3,212,962.95 |
| 263 | 642,854.70 | 3,212,855.52 |
| 264 | 642,876.32 | 3,212,774.27 |
| 265 | 642,812.23 | 3,212,657.32 |
| 266 | 642,952.01 | 3,212,548.54 |
| 267 | 643,033.39 | 3,212,429.91 |
| 268 | 643,169.01 | 3,212,365.54 |
| 269 | 643,223.26 | 3,212,219.79 |
| 270 | 643,299.91 | 3,212,048.92 |
| 271 | 643,413.20 | 3,212,013.38 |
| 272 | 643,560.09 | 3,211,960.27 |
| 273 | 643,630.20 | 3,211,830.38 |
| 274 | 643,630.19 | 3,211,684.63 |
| 275 | 643,684.44 | 3,211,538.88 |
| 276 | 643,837.03 | 3,211,465.29 |
| 277 | 643,955.69 | 3,211,436.45 |
| 278 | 644,062.77 | 3,211,472.02 |
| 279 | 643,955.69 | 3,211,379.10 |
| 280 | 643,901.44 | 3,211,233.35 |
| 281 | 644,041.87 | 3,211,173.77 |
| 282 | 644,145.57 | 3,211,077.47 |
| 283 | 644,145.57 | 3,210,985.97 |
| 284 | 644,172.69 | 3,210,867.35 |
| 285 | 644,254.07 | 3,210,748.72 |
| 286 | 644,281.19 | 3,210,583.57 |
| 287 | 644,404.00 | 3,210,474.90 |
| 288 | 644,594.49 | 3,210,473.40 |

| Vértice | X | Y |
|---------|------------|--------------|
| 289 | 644,633.81 | 3,210,288.48 |
| 290 | 644,760.93 | 3,210,157.73 |
| 291 | 644,949.91 | 3,210,162.28 |
| 292 | 645,066.04 | 3,210,034.53 |
| 293 | 645,184.54 | 3,209,953.03 |
| 294 | 645,257.75 | 3,209,826.24 |
| 295 | 645,416.21 | 3,209,776.78 |
| 296 | 645,601.49 | 3,209,763.28 |
| 297 | 645,739.96 | 3,209,662.28 |
| 298 | 645,896.45 | 3,209,546.28 |
| 299 | 646,044.37 | 3,209,479.07 |
| 300 | 646,210.79 | 3,209,497.50 |
| 301 | 646,126.59 | 3,209,667.00 |
| 302 | 646,044.37 | 3,209,844.31 |
| 303 | 645,990.13 | 3,209,990.06 |
| 304 | 646,010.16 | 3,210,170.03 |
| 305 | 646,074.66 | 3,210,034.53 |
| 306 | 646,166.15 | 3,209,926.03 |
| 307 | 646,279.76 | 3,209,830.66 |
| 308 | 646,469.56 | 3,209,817.53 |
| 309 | 646,534.07 | 3,209,953.03 |
| 310 | 646,614.06 | 3,209,833.03 |
| 311 | 646,510.81 | 3,209,790.28 |
| 312 | 646,445.60 | 3,209,630.46 |
| 313 | 646,563.37 | 3,209,486.17 |
| 314 | 646,659.73 | 3,209,314.85 |
| 315 | 646,711.52 | 3,209,430.53 |
| 316 | 646,695.44 | 3,209,628.69 |
| 317 | 646,794.69 | 3,209,554.18 |
| 318 | 646,898.16 | 3,209,384.65 |
| 319 | 647,002.47 | 3,209,214.78 |
| 320 | 647,102.27 | 3,209,044.35 |
| 321 | 647,204.16 | 3,208,873.57 |
| 322 | 647,301.97 | 3,208,699.65 |
| 323 | 647,396.67 | 3,208,524.20 |
| 324 | 647,507.30 | 3,208,360.70 |
| 325 | 647,584.84 | 3,208,179.18 |
| 326 | 647,680.79 | 3,208,004.14 |
| 327 | 647,765.91 | 3,207,824.37 |
| 328 | 647,861.05 | 3,207,648.71 |
| 329 | 648,011.14 | 3,207,519.71 |
| 330 | 648,141.64 | 3,207,420.84 |
| 331 | 648,321.87 | 3,207,338.94 |
| 332 | 648,348.16 | 3,207,465.86 |
| 333 | 648,281.87 | 3,207,652.80 |
| 334 | 648,205.75 | 3,207,837.68 |
| 335 | 648,125.29 | 3,208,020.66 |
| 336 | 648,050.50 | 3,208,206.15 |
| 337 | 647,961.35 | 3,208,383.03 |
| 338 | 647,864.76 | 3,208,547.81 |

| Vértice | X | Y |
|---------|------------|--------------|
| 339 | 647,796.85 | 3,208,726.26 |
| 340 | 647,720.31 | 3,208,909.80 |
| 341 | 647,639.56 | 3,209,087.87 |
| 342 | 647,602.43 | 3,209,282.58 |
| 343 | 647,511.32 | 3,209,460.07 |
| 344 | 647,446.60 | 3,209,643.55 |
| 345 | 647,418.75 | 3,209,840.14 |
| 346 | 647,356.95 | 3,210,030.35 |
| 347 | 647,279.21 | 3,210,214.59 |
| 348 | 647,202.00 | 3,210,399.08 |
| 349 | 647,126.20 | 3,210,584.16 |
| 350 | 647,051.90 | 3,210,769.85 |
| 351 | 646,979.79 | 3,210,956.38 |
| 352 | 646,910.78 | 3,211,144.09 |
| 353 | 646,815.41 | 3,211,318.67 |
| 354 | 646,710.07 | 3,211,488.33 |
| 355 | 646,635.99 | 3,211,674.10 |
| 356 | 646,498.65 | 3,211,808.38 |
| 357 | 646,332.66 | 3,211,919.37 |
| 358 | 646,246.75 | 3,212,099.99 |
| 359 | 646,153.52 | 3,212,276.38 |
| 360 | 646,040.48 | 3,212,441.37 |
| 361 | 645,952.18 | 3,212,616.11 |
| 362 | 645,919.90 | 3,212,812.97 |
| 363 | 645,812.46 | 3,212,981.66 |
| 364 | 645,705.99 | 3,213,150.86 |
| 365 | 645,630.59 | 3,213,336.10 |
| 366 | 645,551.71 | 3,213,519.79 |
| 367 | 645,464.89 | 3,213,699.97 |
| 368 | 645,356.91 | 3,213,868.10 |
| 369 | 645,246.40 | 3,214,034.80 |
| 370 | 645,135.89 | 3,214,201.49 |
| 371 | 645,046.25 | 3,214,380.28 |
| 372 | 644,956.65 | 3,214,559.08 |
| 373 | 644,867.02 | 3,214,737.88 |
| 374 | 644,777.38 | 3,214,916.66 |
| 375 | 644,687.74 | 3,215,095.45 |
| 376 | 644,542.91 | 3,215,228.31 |
| 377 | 644,479.80 | 3,215,400.78 |
| 378 | 644,451.98 | 3,215,595.44 |
| 379 | 644,344.87 | 3,215,764.34 |
| 380 | 644,256.24 | 3,215,940.27 |
| 381 | 644,223.98 | 3,216,137.65 |
| 382 | 644,149.16 | 3,216,321.44 |
| 383 | 644,061.01 | 3,216,500.96 |
| 384 | 643,972.87 | 3,216,680.50 |
| 385 | 643,887.16 | 3,216,861.16 |
| 386 | 643,805.78 | 3,217,043.86 |
| 387 | 643,720.91 | 3,217,224.93 |
| 388 | 643,633.12 | 3,217,404.63 |

| Vértice | X | Y |
|---------|------------|--------------|
| 389 | 643,545.37 | 3,217,584.35 |
| 390 | 643,464.70 | 3,217,767.17 |
| 391 | 643,372.30 | 3,217,941.68 |
| 392 | 643,262.09 | 3,217,956.56 |
| 393 | 643,082.64 | 3,218,009.52 |
| 394 | 642,949.53 | 3,218,024.52 |
| 395 | 642,849.44 | 3,218,194.32 |
| 396 | 642,792.58 | 3,218,379.58 |
| 397 | 642,694.42 | 3,218,550.05 |
| 398 | 642,589.20 | 3,218,718.57 |
| 399 | 642,476.32 | 3,218,883.65 |
| 400 | 642,322.68 | 3,219,003.11 |
| 401 | 642,294.16 | 3,219,175.82 |
| 402 | 642,167.30 | 3,219,311.71 |
| 403 | 642,073.87 | 3,219,486.89 |
| 404 | 641,952.20 | 3,219,644.83 |
| 405 | 641,788.29 | 3,219,758.81 |
| 406 | 641,617.04 | 3,219,858.56 |
| 407 | 641,422.47 | 3,219,884.04 |
| 408 | 641,243.29 | 3,219,965.30 |
| 409 | 641,090.40 | 3,220,093.68 |
| 410 | 640,933.61 | 3,220,216.82 |
| 411 | 640,841.55 | 3,220,389.13 |
| 412 | 640,758.97 | 3,220,569.15 |
| 413 | 640,594.81 | 3,220,683.15 |
| 414 | 640,497.43 | 3,220,850.86 |
| 415 | 640,429.09 | 3,221,038.65 |
| 416 | 640,341.84 | 3,221,218.54 |
| 417 | 640,258.66 | 3,221,400.23 |
| 418 | 640,153.68 | 3,221,570.20 |
| 419 | 640,070.82 | 3,221,748.67 |
| 420 | 640,009.90 | 3,221,936.59 |
| 421 | 639,927.52 | 3,222,117.28 |
| 422 | 639,844.92 | 3,222,299.24 |
| 423 | 639,765.38 | 3,222,482.74 |
| 424 | 639,684.46 | 3,222,665.63 |
| 425 | 639,593.91 | 3,222,843.76 |
| 426 | 639,491.91 | 3,223,014.93 |
| 427 | 639,402.80 | 3,223,189.84 |
| 428 | 639,266.07 | 3,223,324.27 |
| 429 | 639,143.25 | 3,223,480.89 |
| 430 | 639,034.53 | 3,223,647.79 |
| 431 | 638,931.91 | 3,223,819.46 |
| 432 | 638,830.15 | 3,223,990.81 |
| 433 | 638,681.57 | 3,224,121.94 |
| 434 | 638,500.27 | 3,224,196.25 |
| 435 | 638,301.75 | 3,224,212.74 |
| 436 | 638,103.22 | 3,224,213.11 |
| 437 | 637,909.07 | 3,224,229.92 |
| 438 | 637,789.33 | 3,224,384.77 |

| Vértice | X | Y |
|---------|------------|--------------|
| 439 | 637,619.79 | 3,224,489.08 |
| 440 | 637,463.82 | 3,224,613.40 |
| 441 | 637,296.47 | 3,224,721.85 |
| 442 | 637,129.57 | 3,224,832.06 |
| 443 | 636,973.93 | 3,224,956.98 |
| 444 | 636,813.92 | 3,225,076.29 |
| 445 | 636,660.31 | 3,225,204.23 |
| 446 | 636,486.68 | 3,225,300.97 |
| 447 | 636,330.83 | 3,225,425.43 |
| 448 | 636,156.14 | 3,225,520.13 |
| 449 | 635,964.04 | 3,225,572.10 |
| 450 | 635,818.95 | 3,225,701.03 |
| 451 | 635,645.28 | 3,225,793.99 |
| 452 | 635,500.94 | 3,225,929.42 |
| 453 | 635,347.03 | 3,226,052.09 |
| 454 | 635,207.83 | 3,226,190.76 |
| 455 | 635,089.19 | 3,226,350.86 |
| 456 | 634,950.78 | 3,226,486.86 |
| 457 | 634,887.46 | 3,226,672.04 |
| 458 | 634,767.81 | 3,226,820.57 |
| 459 | 634,742.20 | 3,226,919.16 |
| 460 | 634,730.80 | 3,226,963.05 |
| 461 | 634,727.25 | 3,226,976.71 |
| 462 | 634,901.88 | 3,227,074.07 |
| 463 | 635,092.79 | 3,227,065.00 |
| 464 | 635,249.97 | 3,226,947.27 |
| 465 | 635,367.93 | 3,226,785.89 |
| 466 | 635,488.60 | 3,226,626.77 |
| 467 | 635,643.06 | 3,226,503.02 |
| 468 | 635,826.15 | 3,226,423.24 |
| 469 | 636,017.77 | 3,226,367.14 |
| 470 | 636,109.09 | 3,226,215.06 |
| 471 | 636,181.29 | 3,226,030.98 |
| 472 | 636,317.69 | 3,225,886.48 |
| 473 | 636,463.74 | 3,225,750.04 |
| 474 | 636,612.06 | 3,225,615.91 |
| 475 | 636,766.30 | 3,225,488.76 |
| 476 | 636,949.21 | 3,225,421.06 |
| 477 | 637,148.74 | 3,225,415.10 |
| 478 | 637,348.49 | 3,225,413.33 |
| 479 | 637,548.09 | 3,225,400.62 |
| 480 | 637,745.89 | 3,225,417.87 |
| 481 | 637,943.04 | 3,225,450.96 |
| 482 | 638,133.83 | 3,225,510.38 |
| 483 | 638,319.77 | 3,225,583.98 |
| 484 | 638,494.56 | 3,225,680.58 |
| 485 | 638,660.72 | 3,225,791.83 |
| 486 | 638,848.17 | 3,225,845.53 |
| 487 | 639,046.18 | 3,225,818.66 |
| 488 | 639,239.29 | 3,225,851.24 |

| Vértice | X | Y |
|---------|------------|--------------|
| 489 | 639,420.99 | 3,225,934.32 |
| 490 | 639,610.82 | 3,225,994.38 |
| 491 | 639,809.72 | 3,226,011.64 |
| 492 | 640,008.03 | 3,226,034.51 |
| 493 | 640,191.76 | 3,226,098.28 |
| 494 | 640,348.38 | 3,226,222.44 |
| 495 | 640,478.94 | 3,226,371.36 |
| 496 | 640,647.33 | 3,226,397.55 |
| 497 | 640,798.29 | 3,226,267.51 |
| 498 | 640,922.90 | 3,226,111.52 |
| 499 | 640,984.24 | 3,225,926.20 |
| 500 | 640,906.28 | 3,225,749.66 |
| 501 | 640,796.09 | 3,225,584.77 |
| 502 | 640,772.20 | 3,225,387.65 |
| 503 | 640,821.74 | 3,225,194.57 |
| 504 | 640,876.15 | 3,225,002.76 |
| 505 | 640,981.75 | 3,224,834.96 |
| 506 | 641,144.68 | 3,224,725.79 |
| 507 | 641,338.75 | 3,224,742.50 |
| 508 | 641,512.74 | 3,224,840.41 |
| 509 | 641,696.84 | 3,224,887.58 |
| 510 | 641,893.09 | 3,224,871.37 |
| 511 | 642,087.24 | 3,224,905.74 |
| 512 | 642,230.63 | 3,224,769.97 |
| 513 | 642,405.17 | 3,224,678.66 |
| 514 | 642,593.13 | 3,224,610.33 |
| 515 | 642,779.67 | 3,224,538.19 |
| 516 | 642,956.90 | 3,224,447.90 |
| 517 | 643,129.82 | 3,224,347.84 |
| 518 | 643,297.77 | 3,224,239.55 |
| 519 | 643,467.65 | 3,224,139.63 |
| 520 | 643,558.77 | 3,223,963.65 |
| 521 | 643,607.64 | 3,223,772.59 |
| 522 | 643,618.46 | 3,223,572.88 |
| 523 | 643,620.91 | 3,223,372.98 |
| 524 | 643,628.92 | 3,223,173.19 |
| 525 | 643,630.34 | 3,222,973.23 |
| 526 | 643,606.68 | 3,222,775.88 |
| 527 | 643,517.70 | 3,222,597.00 |
| 528 | 643,486.49 | 3,222,403.74 |
| 529 | 643,352.17 | 3,222,270.93 |
| 530 | 643,272.18 | 3,222,234.37 |
| 531 | 643,170.25 | 3,222,187.82 |
| 532 | 642,985.70 | 3,222,110.85 |
| 533 | 642,899.07 | 3,222,075.84 |
| 534 | 642,826.78 | 3,221,997.54 |
| 535 | 642,691.12 | 3,221,850.59 |
| 536 | 642,677.48 | 3,221,835.80 |
| 537 | 642,736.03 | 3,221,665.72 |
| 538 | 642,801.14 | 3,221,476.61 |

| Vértice | X | Y |
|---------|------------|--------------|
| 539 | 642,866.24 | 3,221,287.51 |
| 540 | 642,884.13 | 3,221,088.81 |
| 541 | 642,894.44 | 3,220,940.27 |
| 542 | 642,945.44 | 3,220,936.99 |
| 543 | 643,145.03 | 3,220,924.18 |
| 544 | 643,312.51 | 3,220,913.42 |
| 545 | 643,344.62 | 3,220,911.36 |
| 546 | 643,397.63 | 3,220,907.96 |
| 547 | 643,493.51 | 3,221,019.23 |
| 548 | 643,624.05 | 3,221,170.75 |
| 549 | 643,656.15 | 3,221,208.01 |
| 550 | 643,666.05 | 3,221,358.51 |
| 551 | 643,679.18 | 3,221,558.07 |
| 552 | 643,591.15 | 3,221,710.40 |
| 553 | 643,587.88 | 3,221,759.58 |
| 554 | 643,578.84 | 3,221,895.34 |
| 555 | 643,438.21 | 3,222,030.71 |
| 556 | 643,526.46 | 3,222,136.82 |
| 557 | 643,583.10 | 3,222,221.97 |
| 558 | 643,616.02 | 3,222,271.45 |
| 559 | 643,629.21 | 3,222,272.26 |
| 560 | 643,815.14 | 3,222,286.79 |
| 561 | 644,015.04 | 3,222,285.71 |
| 562 | 644,214.57 | 3,222,293.19 |
| 563 | 644,413.34 | 3,222,274.07 |
| 564 | 644,605.27 | 3,222,224.64 |
| 565 | 644,770.91 | 3,222,114.12 |
| 566 | 644,955.21 | 3,222,042.74 |
| 567 | 645,153.13 | 3,222,049.99 |
| 568 | 645,348.83 | 3,222,090.18 |
| 569 | 645,546.72 | 3,222,083.32 |
| 570 | 645,727.51 | 3,222,003.19 |
| 571 | 645,824.04 | 3,221,835.68 |
| 572 | 645,820.35 | 3,221,637.36 |
| 573 | 645,687.21 | 3,221,496.91 |
| 574 | 645,532.36 | 3,221,374.40 |
| 575 | 645,445.83 | 3,221,195.03 |
| 576 | 645,444.01 | 3,220,998.91 |
| 577 | 645,541.92 | 3,220,831.28 |
| 578 | 645,722.95 | 3,220,764.87 |
| 579 | 645,910.53 | 3,220,812.31 |
| 580 | 646,081.40 | 3,220,915.40 |
| 581 | 646,275.81 | 3,220,959.96 |
| 582 | 646,469.08 | 3,220,954.78 |
| 583 | 646,568.14 | 3,220,792.26 |
| 584 | 646,642.79 | 3,220,606.72 |
| 585 | 646,727.83 | 3,220,426.08 |
| 586 | 646,829.63 | 3,220,254.23 |
| 587 | 646,951.07 | 3,220,095.55 |
| 588 | 647,078.16 | 3,219,941.12 |

| Vértice | X | Y |
|---------|------------|--------------|
| 589 | 647,186.70 | 3,219,773.26 |
| 590 | 647,300.23 | 3,219,608.62 |
| 591 | 647,426.66 | 3,219,454.77 |
| 592 | 647,578.34 | 3,219,325.17 |
| 593 | 647,748.87 | 3,219,222.94 |
| 594 | 647,926.07 | 3,219,130.45 |
| 595 | 648,100.52 | 3,219,033.44 |
| 596 | 648,231.95 | 3,218,887.11 |
| 597 | 648,318.58 | 3,218,708.38 |
| 598 | 648,461.68 | 3,218,572.23 |
| 599 | 648,647.48 | 3,218,500.96 |
| 600 | 648,817.86 | 3,218,399.92 |
| 601 | 648,893.40 | 3,218,222.36 |
| 602 | 648,899.72 | 3,218,022.82 |
| 603 | 648,878.91 | 3,217,824.19 |
| 604 | 648,859.32 | 3,217,625.56 |
| 605 | 648,808.35 | 3,217,432.52 |
| 606 | 648,730.56 | 3,217,248.53 |
| 607 | 648,653.58 | 3,217,064.22 |
| 608 | 648,571.07 | 3,216,882.06 |
| 609 | 648,554.33 | 3,216,691.68 |
| 610 | 648,647.43 | 3,216,515.63 |
| 611 | 648,766.76 | 3,216,355.18 |
| 612 | 648,949.77 | 3,216,294.13 |
| 613 | 649,142.19 | 3,216,346.60 |
| 614 | 649,335.93 | 3,216,318.16 |
| 615 | 649,527.73 | 3,216,265.82 |
| 616 | 649,679.59 | 3,216,371.47 |
| 617 | 649,770.05 | 3,216,549.26 |
| 618 | 649,778.70 | 3,216,746.99 |
| 619 | 649,782.75 | 3,216,945.17 |
| 620 | 649,962.59 | 3,217,006.37 |
| 621 | 650,160.78 | 3,216,989.01 |
| 622 | 650,359.44 | 3,216,987.27 |
| 623 | 650,558.26 | 3,217,009.00 |
| 624 | 650,756.06 | 3,217,036.43 |
| 625 | 650,857.22 | 3,216,950.40 |
| 626 | 650,834.91 | 3,216,755.21 |
| 627 | 650,850.54 | 3,216,555.89 |
| 628 | 650,861.92 | 3,216,356.24 |
| 629 | 650,927.14 | 3,216,174.49 |
| 630 | 651,070.10 | 3,216,035.28 |
| 631 | 651,198.06 | 3,215,881.59 |
| 632 | 651,332.50 | 3,215,736.92 |
| 633 | 651,506.61 | 3,215,638.82 |
| 634 | 651,682.09 | 3,215,543.11 |
| 635 | 651,866.82 | 3,215,471.55 |
| 636 | 652,061.69 | 3,215,426.86 |
| 637 | 652,259.50 | 3,215,399.08 |
| 638 | 652,425.34 | 3,215,317.73 |

| Vértice | X | Y |
|---------|------------|--------------|
| 639 | 652,389.46 | 3,215,127.29 |
| 640 | 652,517.93 | 3,214,979.34 |
| 641 | 652,645.30 | 3,214,825.73 |
| 642 | 652,758.46 | 3,214,660.86 |
| 643 | 652,844.35 | 3,214,483.16 |
| 644 | 652,807.71 | 3,214,294.36 |
| 645 | 652,669.33 | 3,214,156.82 |
| 646 | 652,505.66 | 3,214,048.52 |
| 647 | 652,549.96 | 3,213,871.81 |
| 648 | 652,720.31 | 3,213,771.43 |
| 649 | 652,901.10 | 3,213,687.61 |
| 650 | 653,097.21 | 3,213,670.00 |
| 651 | 653,291.18 | 3,213,716.33 |
| 652 | 653,485.82 | 3,213,706.15 |
| 653 | 653,676.96 | 3,213,752.23 |
| 654 | 653,864.81 | 3,213,805.93 |
| 655 | 654,051.91 | 3,213,743.96 |
| 656 | 654,092.73 | 3,213,564.72 |
| 657 | 654,086.40 | 3,213,368.48 |
| 658 | 654,245.86 | 3,213,272.76 |
| 659 | 654,441.17 | 3,213,244.34 |
| 660 | 654,639.90 | 3,213,266.82 |
| 661 | 654,836.58 | 3,213,300.49 |
| 662 | 655,028.48 | 3,213,356.22 |
| 663 | 655,219.53 | 3,213,413.79 |
| 664 | 655,336.64 | 3,213,304.60 |
| 665 | 655,365.29 | 3,213,109.87 |
| 666 | 655,423.42 | 3,212,922.23 |
| 667 | 655,442.33 | 3,212,724.70 |
| 668 | 655,551.77 | 3,212,561.99 |
| 669 | 655,734.91 | 3,212,492.86 |
| 670 | 655,924.06 | 3,212,534.35 |
| 671 | 656,115.42 | 3,212,591.89 |
| 672 | 656,299.00 | 3,212,663.15 |
| 673 | 656,422.51 | 3,212,818.93 |
| 674 | 656,581.46 | 3,212,907.78 |
| 675 | 656,759.59 | 3,212,831.69 |
| 676 | 656,907.28 | 3,212,699.35 |
| 677 | 656,992.07 | 3,212,521.38 |
| 678 | 657,025.71 | 3,212,324.73 |
| 679 | 657,023.94 | 3,212,125.01 |
| 680 | 657,013.38 | 3,211,925.29 |
| 681 | 657,008.68 | 3,211,726.07 |
| 682 | 657,100.29 | 3,211,553.70 |
| 683 | 657,253.91 | 3,211,574.88 |
| 684 | 657,371.64 | 3,211,724.73 |
| 685 | 657,561.81 | 3,211,698.56 |
| 686 | 657,761.77 | 3,211,695.54 |
| 687 | 657,959.79 | 3,211,713.80 |
| 688 | 658,156.80 | 3,211,697.78 |

| Vértice | X | Y |
|---------|------------|--------------|
| 689 | 658,348.84 | 3,211,642.37 |
| 690 | 658,537.70 | 3,211,576.62 |
| 691 | 658,723.68 | 3,211,503.47 |
| 692 | 658,904.16 | 3,211,417.69 |
| 693 | 659,080.21 | 3,211,323.95 |
| 694 | 659,267.51 | 3,211,255.52 |
| 695 | 659,463.23 | 3,211,214.43 |
| 696 | 659,660.96 | 3,211,185.88 |
| 697 | 659,859.19 | 3,211,192.95 |
| 698 | 660,023.07 | 3,211,297.30 |
| 699 | 660,142.26 | 3,211,456.43 |
| 700 | 660,225.77 | 3,211,638.16 |
| 701 | 660,310.68 | 3,211,819.18 |
| 702 | 660,406.87 | 3,211,994.53 |
| 703 | 660,519.72 | 3,212,158.43 |
| 704 | 660,609.59 | 3,212,333.90 |
| 705 | 660,652.84 | 3,212,527.89 |
| 706 | 660,656.10 | 3,212,727.44 |
| 707 | 660,692.98 | 3,212,924.01 |
| 708 | 660,730.78 | 3,213,120.39 |
| 709 | 660,794.36 | 3,213,308.69 |
| 710 | 660,832.59 | 3,213,499.50 |
| 711 | 660,796.21 | 3,213,695.09 |
| 712 | 660,805.56 | 3,213,891.01 |
| 713 | 660,917.81 | 3,214,054.45 |
| 714 | 661,003.67 | 3,214,234.58 |
| 715 | 661,163.46 | 3,214,268.65 |
| 716 | 661,314.51 | 3,214,137.61 |
| 717 | 661,492.31 | 3,214,048.40 |
| 718 | 661,689.63 | 3,214,042.71 |
| 719 | 661,886.71 | 3,214,071.71 |
| 720 | 662,082.03 | 3,214,033.78 |
| 721 | 662,269.54 | 3,213,970.33 |
| 722 | 662,465.49 | 3,213,940.44 |
| 723 | 662,627.07 | 3,213,834.50 |
| 724 | 662,775.67 | 3,213,700.64 |
| 725 | 662,858.96 | 3,213,522.17 |
| 726 | 662,892.39 | 3,213,324.99 |
| 727 | 662,879.88 | 3,213,126.06 |
| 728 | 662,869.89 | 3,212,927.18 |
| 729 | 662,824.76 | 3,212,733.22 |
| 730 | 662,719.80 | 3,212,563.22 |
| 731 | 662,563.87 | 3,212,442.92 |
| 732 | 662,393.63 | 3,212,338.62 |
| 733 | 662,205.34 | 3,212,275.08 |
| 734 | 662,012.18 | 3,212,234.14 |
| 735 | 661,814.18 | 3,212,252.77 |
| 736 | 661,619.22 | 3,212,290.55 |
| 737 | 661,442.61 | 3,212,233.55 |
| 738 | 661,492.11 | 3,212,044.71 |

| Vértice | X | Y |
|---------|------------|--------------|
| 739 | 661,554.81 | 3,211,857.82 |
| 740 | 661,603.59 | 3,211,665.14 |
| 741 | 661,694.81 | 3,211,487.81 |
| 742 | 661,817.05 | 3,211,330.39 |
| 743 | 661,958.68 | 3,211,189.18 |
| 744 | 662,126.34 | 3,211,083.99 |
| 745 | 662,314.57 | 3,211,019.30 |
| 746 | 662,506.45 | 3,210,964.20 |
| 747 | 662,701.84 | 3,210,924.94 |
| 748 | 662,901.24 | 3,210,919.47 |
| 749 | 663,093.59 | 3,210,971.80 |
| 750 | 663,259.94 | 3,211,081.71 |
| 751 | 663,410.99 | 3,211,212.74 |
| 752 | 663,555.56 | 3,211,350.83 |
| 753 | 663,689.12 | 3,211,498.39 |
| 754 | 663,818.21 | 3,211,650.28 |
| 755 | 663,940.53 | 3,211,807.17 |
| 756 | 664,049.88 | 3,211,973.88 |
| 757 | 664,217.99 | 3,212,069.84 |
| 758 | 664,417.31 | 3,212,065.60 |
| 759 | 664,611.78 | 3,212,021.42 |
| 760 | 664,787.23 | 3,211,928.95 |
| 761 | 664,889.46 | 3,211,762.08 |
| 762 | 664,885.61 | 3,211,563.51 |
| 763 | 664,829.49 | 3,211,372.00 |
| 764 | 664,742.78 | 3,211,191.77 |
| 765 | 664,642.72 | 3,211,018.94 |
| 766 | 664,535.95 | 3,210,849.82 |
| 767 | 664,396.87 | 3,210,710.80 |
| 768 | 664,230.78 | 3,210,599.38 |
| 769 | 664,080.71 | 3,210,468.30 |
| 770 | 664,040.02 | 3,210,291.17 |
| 771 | 664,115.27 | 3,210,106.34 |
| 772 | 664,237.71 | 3,209,951.17 |
| 773 | 664,386.58 | 3,209,824.41 |
| 774 | 664,525.48 | 3,209,689.24 |
| 775 | 664,707.03 | 3,209,615.44 |
| 776 | 664,905.90 | 3,209,602.95 |
| 777 | 664,971.83 | 3,209,640.21 |
| 778 | 664,972.05 | 3,209,640.09 |
| 779 | 664,972.05 | 3,209,640.08 |
| 780 | 664,971.79 | 3,209,639.63 |
| 781 | 650,801.94 | 3,184,450.06 |
| 782 | 643,151.92 | 3,184,700.03 |
| 783 | 639,531.95 | 3,192,050.01 |
| 784 | 634,951.96 | 3,196,299.99 |
| 785 | 628,502.00 | 3,203,749.97 |
| 786 | 624,942.00 | 3,205,724.97 |
| 787 | 622,227.02 | 3,208,499.96 |
| 788 | 620,603.01 | 3,209,259.23 |

| Vértice | X | Y |
|---------|------------|--------------|
| 789 | 620,701.42 | 3,209,379.11 |
| 790 | 620,802.59 | 3,209,502.34 |
| 791 | 620,710.51 | 3,209,635.38 |
| 792 | 620,710.81 | 3,209,794.21 |
| 793 | 620,844.19 | 3,209,906.49 |
| 794 | 621,044.04 | 3,209,914.23 |
| 795 | 621,117.53 | 3,210,024.11 |
| 796 | 620,950.12 | 3,210,133.53 |
| 797 | 620,782.70 | 3,210,242.94 |
| 798 | 620,622.91 | 3,210,361.32 |
| 799 | 620,480.44 | 3,210,475.43 |
| 800 | 620,350.95 | 3,210,339.08 |
| 801 | 620,258.70 | 3,210,161.64 |
| 802 | 620,166.44 | 3,209,984.19 |
| 803 | 620,183.43 | 3,209,798.09 |
| 804 | 620,177.48 | 3,209,603.93 |
| 805 | 620,354.28 | 3,209,525.94 |
| 806 | 620,351.90 | 3,209,520.04 |
| 807 | 620,303.19 | 3,209,399.41 |
| 808 | 620,302.02 | 3,209,399.96 |
| 809 | 620,027.01 | 3,208,374.96 |
| 810 | 617,601.97 | 3,204,139.95 |
| 811 | 616,126.95 | 3,203,024.95 |
| 812 | 613,976.92 | 3,200,259.94 |
| 813 | 612,633.41 | 3,199,352.96 |
| 814 | 612,598.57 | 3,199,470.72 |
| 815 | 612,541.83 | 3,199,662.50 |
| 816 | 612,485.09 | 3,199,854.28 |
| 817 | 612,428.35 | 3,200,046.07 |
| 818 | 612,371.61 | 3,200,237.85 |
| 819 | 612,314.87 | 3,200,429.63 |
| 820 | 612,258.13 | 3,200,621.41 |
| 821 | 612,179.29 | 3,200,801.59 |
| 822 | 612,053.58 | 3,200,957.14 |
| 823 | 611,927.86 | 3,201,112.69 |
| 824 | 611,802.15 | 3,201,268.24 |
| 825 | 611,676.43 | 3,201,423.79 |
| 826 | 611,550.72 | 3,201,579.34 |
| 827 | 611,425.00 | 3,201,734.89 |
| 828 | 611,299.29 | 3,201,890.44 |
| 829 | 611,173.58 | 3,202,045.99 |
| 830 | 611,047.86 | 3,202,201.54 |
| 831 | 610,922.15 | 3,202,357.09 |
| 832 | 610,796.43 | 3,202,512.64 |
| 833 | 610,670.72 | 3,202,668.19 |
| 834 | 610,545.00 | 3,202,823.74 |
| 835 | 610,419.29 | 3,202,979.29 |
| 836 | 610,293.57 | 3,203,134.84 |
| 837 | 610,167.86 | 3,203,290.39 |
| 838 | 610,042.14 | 3,203,445.94 |

| Vértice | X | Y |
|---------|------------|--------------|
| 839 | 609,916.43 | 3,203,601.49 |
| 840 | 609,790.71 | 3,203,757.04 |
| 841 | 609,665.00 | 3,203,912.59 |
| 842 | 609,539.29 | 3,204,068.14 |
| 843 | 609,413.57 | 3,204,223.69 |
| 844 | 609,287.86 | 3,204,379.24 |
| 845 | 609,162.14 | 3,204,534.79 |
| 846 | 609,036.43 | 3,204,690.34 |
| 847 | 608,982.68 | 3,204,876.13 |
| 848 | 608,959.58 | 3,205,074.79 |
| 849 | 608,936.48 | 3,205,273.45 |
| 850 | 608,913.38 | 3,205,472.11 |
| 851 | 608,890.28 | 3,205,670.77 |
| 852 | 608,867.18 | 3,205,869.44 |
| 853 | 608,786.75 | 3,206,052.30 |
| 854 | 608,704.83 | 3,206,234.75 |
| 855 | 608,622.91 | 3,206,417.20 |
| 856 | 608,540.99 | 3,206,599.66 |
| 857 | 608,459.07 | 3,206,782.11 |
| 858 | 608,377.15 | 3,206,964.56 |
| 859 | 608,295.23 | 3,207,147.01 |
| 860 | 608,235.59 | 3,207,337.69 |
| 861 | 608,179.31 | 3,207,529.61 |
| 862 | 608,123.02 | 3,207,721.53 |
| 863 | 608,066.74 | 3,207,913.44 |
| 864 | 608,010.45 | 3,208,105.36 |
| 865 | 607,954.17 | 3,208,297.28 |
| 866 | 608,048.94 | 3,208,462.34 |
| 867 | 608,167.93 | 3,208,623.08 |
| 868 | 608,286.93 | 3,208,783.83 |
| 869 | 608,405.93 | 3,208,944.58 |
| 870 | 608,524.87 | 3,209,105.36 |
| 871 | 608,641.13 | 3,209,268.10 |
| 872 | 608,757.38 | 3,209,430.85 |
| 873 | 608,873.63 | 3,209,593.59 |
| 874 | 608,989.89 | 3,209,756.33 |
| 875 | 609,103.66 | 3,209,920.79 |
| 876 | 609,214.61 | 3,210,087.19 |
| 877 | 609,325.55 | 3,210,253.60 |
| 878 | 609,436.50 | 3,210,420.00 |
| 879 | 609,489.08 | 3,210,607.54 |
| 880 | 609,510.39 | 3,210,806.41 |
| 881 | 609,531.69 | 3,211,005.27 |
| 882 | 609,553.00 | 3,211,204.13 |
| 883 | 609,498.43 | 3,211,395.33 |
| 884 | 609,437.79 | 3,211,585.91 |
| 885 | 609,377.15 | 3,211,776.50 |
| 886 | 609,316.51 | 3,211,967.08 |
| 887 | 609,255.86 | 3,212,157.67 |
| 888 | 609,195.22 | 3,212,348.25 |

| Vértice | X | Y |
|---------|------------|--------------|
| 889 | 609,032.32 | 3,212,443.72 |
| 890 | 608,846.62 | 3,212,518.00 |
| 891 | 608,660.92 | 3,212,592.27 |
| 892 | 608,475.23 | 3,212,666.55 |
| 893 | 608,289.53 | 3,212,740.82 |
| 894 | 608,106.67 | 3,212,820.23 |
| 895 | 607,944.92 | 3,212,937.86 |
| 896 | 607,783.17 | 3,213,055.49 |
| 897 | 607,621.42 | 3,213,173.12 |
| 898 | 607,447.07 | 3,213,267.83 |
| 899 | 607,261.08 | 3,213,341.36 |
| 900 | 607,075.08 | 3,213,414.89 |
| 901 | 606,889.09 | 3,213,488.41 |
| 902 | 606,703.09 | 3,213,561.94 |
| 903 | 606,517.10 | 3,213,635.47 |
| 904 | 606,339.63 | 3,213,725.01 |
| 905 | 606,174.82 | 3,213,838.31 |
| 906 | 606,010.01 | 3,213,951.61 |
| 907 | 605,845.20 | 3,214,064.91 |
| 908 | 605,680.39 | 3,214,178.22 |
| 909 | 605,518.17 | 3,214,294.97 |
| 910 | 605,363.11 | 3,214,421.30 |
| 911 | 605,208.06 | 3,214,547.63 |
| 912 | 605,053.01 | 3,214,673.96 |
| 913 | 604,897.96 | 3,214,800.28 |
| 914 | 604,742.90 | 3,214,926.61 |
| 915 | 604,622.45 | 3,215,066.00 |
| 916 | 604,655.33 | 3,215,263.28 |
| 917 | 604,688.21 | 3,215,460.56 |
| 918 | 604,720.90 | 3,215,657.85 |
| 919 | 604,720.90 | 3,215,857.85 |
| 920 | 604,720.90 | 3,216,057.85 |
| 921 | 604,731.29 | 3,216,256.96 |
| 922 | 604,765.26 | 3,216,454.06 |
| 923 | 604,799.22 | 3,216,651.15 |
| 924 | 604,789.56 | 3,216,849.26 |
| 925 | 604,764.75 | 3,217,047.71 |
| 926 | 604,685.17 | 3,217,225.79 |
| 927 | 604,605.42 | 3,217,404.18 |
| 928 | 604,576.49 | 3,217,602.07 |
| 929 | 604,636.91 | 3,217,637.50 |
| 930 | 604,666.95 | 3,217,655.11 |
| 931 | 604,855.68 | 3,217,588.91 |
| 932 | 604,995.32 | 3,217,726.57 |
| 933 | 604,867.77 | 3,217,801.29 |
| 934 | 604,676.32 | 3,217,859.12 |
| 935 | 604,500.92 | 3,217,914.72 |
| 936 | 604,502.32 | 3,217,917.11 |
| 937 | 604,601.71 | 3,218,087.47 |
| 938 | 604,651.47 | 3,218,279.86 |

| Vértice | X | Y |
|---------|------------|--------------|
| 939 | 604,692.52 | 3,218,475.60 |
| 940 | 604,733.56 | 3,218,671.34 |
| 941 | 604,774.60 | 3,218,867.09 |
| 942 | 604,815.64 | 3,219,062.83 |
| 943 | 604,820.19 | 3,219,256.07 |
| 944 | 604,752.79 | 3,219,444.37 |
| 945 | 604,685.40 | 3,219,632.68 |
| 946 | 604,618.01 | 3,219,820.98 |
| 947 | 604,550.61 | 3,220,009.28 |
| 948 | 604,483.22 | 3,220,197.59 |
| 949 | 604,415.82 | 3,220,385.89 |
| 950 | 604,348.43 | 3,220,574.19 |
| 951 | 604,281.04 | 3,220,762.50 |
| 952 | 604,239.72 | 3,220,956.68 |
| 953 | 604,251.60 | 3,221,155.58 |
| 954 | 604,252.44 | 3,221,235.42 |
| 955 | 604,254.10 | 3,221,236.35 |
| 956 | 604,354.21 | 3,221,304.34 |
| 957 | 604,450.01 | 3,221,188.44 |
| 958 | 604,525.28 | 3,221,003.15 |
| 959 | 604,600.23 | 3,220,817.72 |
| 960 | 604,675.17 | 3,220,632.29 |
| 961 | 604,750.12 | 3,220,446.87 |
| 962 | 604,825.06 | 3,220,261.44 |
| 963 | 604,900.00 | 3,220,076.01 |
| 964 | 604,974.95 | 3,219,890.58 |
| 965 | 605,049.89 | 3,219,705.16 |
| 966 | 605,124.84 | 3,219,519.73 |
| 967 | 605,223.68 | 3,219,359.98 |
| 968 | 605,414.00 | 3,219,298.50 |
| 969 | 605,604.31 | 3,219,237.01 |
| 970 | 605,793.56 | 3,219,172.43 |
| 971 | 605,981.19 | 3,219,103.20 |
| 972 | 606,168.83 | 3,219,033.97 |
| 973 | 606,356.46 | 3,218,964.74 |
| 974 | 606,514.73 | 3,218,971.07 |
| 975 | 606,610.79 | 3,219,146.04 |
| 976 | 606,732.29 | 3,219,304.90 |
| 977 | 606,870.09 | 3,219,282.73 |
| 978 | 607,005.53 | 3,219,318.80 |
| 979 | 607,132.28 | 3,219,473.51 |
| 980 | 607,259.02 | 3,219,628.22 |
| 981 | 607,388.52 | 3,219,780.63 |
| 982 | 607,443.08 | 3,219,972.63 |
| 983 | 607,426.98 | 3,220,166.10 |
| 984 | 607,308.78 | 3,220,306.02 |
| 985 | 607,132.39 | 3,220,400.29 |
| 986 | 606,939.33 | 3,220,448.75 |
| 987 | 606,743.62 | 3,220,489.95 |
| 988 | 606,563.96 | 3,220,576.08 |

| Vértice | X | Y |
|---------|------------|--------------|
| 989 | 606,439.25 | 3,220,708.29 |
| 990 | 606,461.24 | 3,220,862.73 |
| 991 | 606,547.94 | 3,220,955.36 |
| 992 | 606,502.91 | 3,221,137.96 |
| 993 | 606,469.22 | 3,221,324.58 |
| 994 | 606,300.25 | 3,221,412.63 |
| 995 | 606,141.16 | 3,221,524.04 |
| 996 | 606,005.92 | 3,221,671.39 |
| 997 | 605,856.59 | 3,221,804.07 |
| 998 | 605,704.00 | 3,221,933.36 |
| 999 | 605,551.41 | 3,222,062.66 |
| 1000 | 605,398.82 | 3,222,191.95 |
| 1001 | 605,227.30 | 3,222,290.89 |
| 1002 | 605,061.85 | 3,222,397.60 |
| 1003 | 604,918.01 | 3,222,536.56 |
| 1004 | 604,739.01 | 3,222,617.52 |
| 1005 | 604,547.74 | 3,222,635.13 |
| 1006 | 604,421.84 | 3,222,533.86 |
| 1007 | 604,427.04 | 3,222,333.93 |
| 1008 | 604,469.76 | 3,222,139.73 |
| 1009 | 604,524.46 | 3,221,947.35 |
| 1010 | 604,495.77 | 3,221,762.70 |
| 1011 | 604,407.16 | 3,221,618.58 |
| 1012 | 604,394.31 | 3,221,597.67 |
| 1013 | 604,209.23 | 3,221,522.60 |
| 1014 | 604,207.25 | 3,221,526.27 |
| 1015 | 604,140.02 | 3,221,650.53 |
| 1016 | 604,098.76 | 3,221,844.83 |
| 1017 | 603,999.55 | 3,222,018.48 |
| 1018 | 603,900.33 | 3,222,192.14 |
| 1019 | 603,801.12 | 3,222,365.80 |
| 1020 | 603,675.94 | 3,222,519.62 |
| 1021 | 603,534.50 | 3,222,661.03 |
| 1022 | 603,393.06 | 3,222,802.43 |
| 1023 | 603,264.21 | 3,222,954.15 |
| 1024 | 603,153.26 | 3,223,120.56 |
| 1025 | 603,067.96 | 3,223,301.01 |
| 1026 | 602,987.43 | 3,223,484.09 |
| 1027 | 602,908.26 | 3,223,667.74 |
| 1028 | 602,830.65 | 3,223,852.07 |
| 1029 | 602,698.82 | 3,223,994.52 |
| 1030 | 602,540.09 | 3,224,116.19 |
| 1031 | 602,381.82 | 3,224,238.43 |
| 1032 | 602,230.69 | 3,224,369.43 |
| 1033 | 602,079.57 | 3,224,500.44 |
| 1034 | 601,928.44 | 3,224,631.44 |
| 1035 | 601,777.32 | 3,224,762.44 |
| 1036 | 601,626.19 | 3,224,893.44 |
| 1037 | 601,469.16 | 3,225,016.07 |
| 1038 | 601,295.24 | 3,225,114.83 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1039 | 601,121.33 | 3,225,213.59 |
| 1040 | 600,947.41 | 3,225,312.35 |
| 1041 | 600,773.50 | 3,225,411.11 |
| 1042 | 600,599.58 | 3,225,509.87 |
| 1043 | 600,415.00 | 3,225,586.39 |
| 1044 | 600,229.11 | 3,225,660.20 |
| 1045 | 600,043.23 | 3,225,734.00 |
| 1046 | 599,857.34 | 3,225,807.80 |
| 1047 | 599,671.46 | 3,225,881.60 |
| 1048 | 599,485.88 | 3,225,956.17 |
| 1049 | 599,301.35 | 3,226,033.28 |
| 1050 | 599,116.81 | 3,226,110.40 |
| 1051 | 598,932.28 | 3,226,187.51 |
| 1052 | 598,747.74 | 3,226,264.63 |
| 1053 | 598,563.21 | 3,226,341.74 |
| 1054 | 598,373.63 | 3,226,404.25 |
| 1055 | 598,180.83 | 3,226,457.43 |
| 1056 | 597,988.03 | 3,226,510.61 |
| 1057 | 597,795.23 | 3,226,563.80 |
| 1058 | 597,602.43 | 3,226,616.98 |
| 1059 | 597,409.63 | 3,226,670.16 |
| 1060 | 597,216.83 | 3,226,723.35 |
| 1061 | 597,019.73 | 3,226,750.45 |
| 1062 | 596,820.06 | 3,226,762.01 |
| 1063 | 596,620.40 | 3,226,773.56 |
| 1064 | 596,420.73 | 3,226,785.12 |
| 1065 | 596,221.07 | 3,226,796.68 |
| 1066 | 596,025.04 | 3,226,789.53 |
| 1067 | 595,844.23 | 3,226,704.03 |
| 1068 | 595,663.42 | 3,226,618.54 |
| 1069 | 595,482.62 | 3,226,533.05 |
| 1070 | 595,286.73 | 3,226,505.81 |
| 1071 | 595,087.15 | 3,226,492.83 |
| 1072 | 594,887.57 | 3,226,479.85 |
| 1073 | 594,687.64 | 3,226,480.59 |
| 1074 | 594,487.66 | 3,226,483.27 |
| 1075 | 594,287.68 | 3,226,485.96 |
| 1076 | 594,091.20 | 3,226,466.29 |
| 1077 | 593,901.65 | 3,226,402.48 |
| 1078 | 593,712.10 | 3,226,338.68 |
| 1079 | 593,542.69 | 3,226,417.75 |
| 1080 | 593,378.17 | 3,226,531.47 |
| 1081 | 593,298.86 | 3,226,709.15 |
| 1082 | 593,207.57 | 3,226,882.91 |
| 1083 | 593,076.65 | 3,227,034.11 |
| 1084 | 592,945.73 | 3,227,185.31 |
| 1085 | 592,757.55 | 3,227,224.38 |
| 1086 | 592,558.31 | 3,227,241.80 |
| 1087 | 592,359.70 | 3,227,263.14 |
| 1088 | 592,164.96 | 3,227,308.74 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1089 | 591,970.23 | 3,227,354.34 |
| 1090 | 591,777.77 | 3,227,404.51 |
| 1091 | 591,623.88 | 3,227,532.24 |
| 1092 | 591,444.44 | 3,227,597.31 |
| 1093 | 591,245.10 | 3,227,613.53 |
| 1094 | 591,046.32 | 3,227,633.34 |
| 1095 | 590,851.52 | 3,227,678.67 |
| 1096 | 590,661.41 | 3,227,733.68 |
| 1097 | 590,504.97 | 3,227,858.28 |
| 1098 | 590,348.08 | 3,227,980.09 |
| 1099 | 590,160.41 | 3,227,910.96 |
| 1100 | 589,969.34 | 3,227,872.31 |
| 1101 | 589,771.05 | 3,227,898.40 |
| 1102 | 589,576.64 | 3,227,867.85 |
| 1103 | 589,383.78 | 3,227,814.91 |
| 1104 | 589,311.86 | 3,227,877.11 |
| 1105 | 589,298.16 | 3,227,888.96 |
| 1106 | 589,318.07 | 3,228,087.97 |
| 1107 | 589,337.97 | 3,228,286.98 |
| 1108 | 589,512.44 | 3,228,381.32 |
| 1109 | 589,678.30 | 3,228,483.37 |
| 1110 | 589,738.32 | 3,228,674.15 |
| 1111 | 589,857.95 | 3,228,819.69 |
| 1112 | 590,025.55 | 3,228,928.82 |
| 1113 | 590,115.65 | 3,229,086.15 |
| 1114 | 590,139.42 | 3,229,284.74 |
| 1115 | 590,154.92 | 3,229,484.12 |
| 1116 | 590,123.03 | 3,229,669.57 |
| 1117 | 590,002.19 | 3,229,828.89 |
| 1118 | 589,887.20 | 3,229,992.16 |
| 1119 | 589,706.77 | 3,230,078.45 |
| 1120 | 589,517.87 | 3,230,022.13 |
| 1121 | 589,342.29 | 3,229,926.37 |
| 1122 | 589,159.40 | 3,229,900.63 |
| 1123 | 588,966.66 | 3,229,951.89 |
| 1124 | 588,767.33 | 3,229,968.17 |
| 1125 | 588,569.20 | 3,229,975.79 |
| 1126 | 588,383.07 | 3,229,903.67 |
| 1127 | 588,232.83 | 3,229,771.65 |
| 1128 | 588,072.88 | 3,229,662.31 |
| 1129 | 587,873.66 | 3,229,644.60 |
| 1130 | 587,674.41 | 3,229,637.53 |
| 1131 | 587,475.06 | 3,229,653.69 |
| 1132 | 587,286.11 | 3,229,714.19 |
| 1133 | 587,169.34 | 3,229,782.74 |
| 1134 | 587,168.70 | 3,229,783.12 |
| 1135 | 587,363.46 | 3,229,828.57 |
| 1136 | 587,476.79 | 3,229,979.78 |
| 1137 | 587,562.14 | 3,230,157.19 |
| 1138 | 587,499.93 | 3,230,347.27 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1139 | 587,390.46 | 3,230,510.77 |
| 1140 | 587,277.67 | 3,230,674.86 |
| 1141 | 587,189.57 | 3,230,853.72 |
| 1142 | 587,119.89 | 3,231,041.19 |
| 1143 | 587,032.88 | 3,231,220.38 |
| 1144 | 586,930.74 | 3,231,392.33 |
| 1145 | 586,828.60 | 3,231,564.28 |
| 1146 | 586,722.42 | 3,231,733.67 |
| 1147 | 586,610.37 | 3,231,899.34 |
| 1148 | 586,498.82 | 3,232,065.11 |
| 1149 | 586,532.89 | 3,232,262.19 |
| 1150 | 586,566.96 | 3,232,459.26 |
| 1151 | 586,601.02 | 3,232,656.34 |
| 1152 | 586,479.00 | 3,232,805.32 |
| 1153 | 586,327.31 | 3,232,930.41 |
| 1154 | 586,142.17 | 3,233,006.05 |
| 1155 | 585,957.03 | 3,233,081.69 |
| 1156 | 585,771.88 | 3,233,157.34 |
| 1157 | 585,588.78 | 3,233,237.80 |
| 1158 | 585,405.79 | 3,233,318.49 |
| 1159 | 585,222.79 | 3,233,399.19 |
| 1160 | 585,038.85 | 3,233,475.46 |
| 1161 | 584,838.85 | 3,233,476.10 |
| 1162 | 584,638.85 | 3,233,476.74 |
| 1163 | 584,438.85 | 3,233,477.38 |
| 1164 | 584,238.85 | 3,233,478.02 |
| 1165 | 584,038.86 | 3,233,478.66 |
| 1166 | 583,845.11 | 3,233,435.35 |
| 1167 | 583,653.23 | 3,233,378.93 |
| 1168 | 583,461.36 | 3,233,322.52 |
| 1169 | 583,266.33 | 3,233,284.04 |
| 1170 | 583,066.71 | 3,233,271.72 |
| 1171 | 582,867.09 | 3,233,259.41 |
| 1172 | 582,671.56 | 3,233,227.09 |
| 1173 | 582,483.15 | 3,233,160.01 |
| 1174 | 582,294.73 | 3,233,092.92 |
| 1175 | 582,106.32 | 3,233,025.84 |
| 1176 | 581,908.53 | 3,233,043.14 |
| 1177 | 581,709.98 | 3,233,067.22 |
| 1178 | 581,511.44 | 3,233,091.30 |
| 1179 | 581,312.89 | 3,233,115.38 |
| 1180 | 581,116.49 | 3,233,077.77 |
| 1181 | 580,920.10 | 3,233,039.96 |
| 1182 | 580,723.70 | 3,233,002.15 |
| 1183 | 580,527.31 | 3,232,964.35 |
| 1184 | 580,332.15 | 3,232,921.17 |
| 1185 | 580,138.84 | 3,232,869.84 |
| 1186 | 579,945.54 | 3,232,818.51 |
| 1187 | 579,752.24 | 3,232,767.18 |
| 1188 | 579,558.94 | 3,232,715.85 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1189 | 579,365.64 | 3,232,664.52 |
| 1190 | 579,177.48 | 3,232,599.44 |
| 1191 | 578,997.87 | 3,232,511.45 |
| 1192 | 578,818.27 | 3,232,423.46 |
| 1193 | 578,638.66 | 3,232,335.47 |
| 1194 | 578,499.18 | 3,232,211.03 |
| 1195 | 578,428.75 | 3,232,023.84 |
| 1196 | 578,358.31 | 3,231,836.65 |
| 1197 | 578,192.47 | 3,231,760.75 |
| 1198 | 577,996.72 | 3,231,719.74 |
| 1199 | 577,820.32 | 3,231,654.66 |
| 1200 | 577,738.17 | 3,231,472.31 |
| 1201 | 577,656.03 | 3,231,289.96 |
| 1202 | 577,573.88 | 3,231,107.61 |
| 1203 | 577,478.85 | 3,230,931.77 |
| 1204 | 577,380.79 | 3,230,757.45 |
| 1205 | 577,282.73 | 3,230,583.14 |
| 1206 | 577,206.87 | 3,230,398.48 |
| 1207 | 577,136.34 | 3,230,211.33 |
| 1208 | 577,074.75 | 3,230,021.11 |
| 1209 | 577,015.47 | 3,229,830.10 |
| 1210 | 576,962.08 | 3,229,637.57 |
| 1211 | 576,921.74 | 3,229,441.68 |
| 1212 | 576,832.10 | 3,229,276.59 |
| 1213 | 576,710.72 | 3,229,138.05 |
| 1214 | 576,726.58 | 3,228,938.68 |
| 1215 | 576,742.44 | 3,228,739.31 |
| 1216 | 576,684.15 | 3,228,551.59 |
| 1217 | 576,601.02 | 3,228,376.25 |
| 1218 | 576,401.47 | 3,228,362.74 |
| 1219 | 576,201.93 | 3,228,349.23 |
| 1220 | 576,078.29 | 3,228,217.87 |
| 1221 | 575,956.76 | 3,228,075.57 |
| 1222 | 575,763.51 | 3,228,024.04 |
| 1223 | 575,648.52 | 3,227,891.66 |
| 1224 | 575,575.23 | 3,227,707.89 |
| 1225 | 575,457.68 | 3,227,546.08 |
| 1226 | 575,278.86 | 3,227,471.85 |
| 1227 | 575,086.56 | 3,227,416.91 |
| 1228 | 574,942.73 | 3,227,327.45 |
| 1229 | 574,953.74 | 3,227,127.75 |
| 1230 | 574,964.74 | 3,226,928.06 |
| 1231 | 574,967.24 | 3,226,728.12 |
| 1232 | 574,902.20 | 3,226,579.52 |
| 1233 | 574,707.70 | 3,226,532.93 |
| 1234 | 574,575.86 | 3,226,501.35 |
| 1235 | 573,162.06 | 3,228,049.93 |
| 1236 | 573,192.09 | 3,230,689.94 |
| 1237 | 571,307.13 | 3,234,294.95 |
| 1238 | 570,912.16 | 3,237,299.95 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1239 | 570,607.21 | 3,241,219.96 |
| 1240 | 568,927.24 | 3,244,289.97 |
| 1241 | 568,062.27 | 3,246,749.98 |
| 1242 | 570,077.29 | 3,248,924.98 |
| 1243 | 570,227.30 | 3,249,909.99 |
| 1244 | 569,677.32 | 3,251,754.99 |
| 1245 | 569,602.33 | 3,252,760.00 |
| 1246 | 570,797.34 | 3,253,710.00 |
| 1247 | 571,577.35 | 3,254,600.00 |
| 1248 | 573,702.36 | 3,256,025.00 |
| 1249 | 577,412.36 | 3,256,050.00 |
| 1250 | 578,172.36 | 3,256,575.01 |
| 1251 | 578,195.65 | 3,256,605.87 |
| 1252 | 578,196.04 | 3,256,604.87 |
| 1253 | 578,252.83 | 3,256,468.38 |
| 1254 | 578,418.82 | 3,256,357.32 |
| 1255 | 578,550.21 | 3,256,207.19 |
| 1256 | 578,662.69 | 3,256,041.86 |
| 1257 | 578,799.51 | 3,255,907.06 |
| 1258 | 578,981.05 | 3,255,823.55 |
| 1259 | 579,157.26 | 3,255,733.62 |
| 1260 | 579,312.19 | 3,255,607.15 |
| 1261 | 579,400.62 | 3,255,429.85 |
| 1262 | 579,414.47 | 3,255,230.33 |
| 1263 | 579,428.99 | 3,255,030.86 |
| 1264 | 579,453.70 | 3,254,832.62 |
| 1265 | 579,483.76 | 3,254,635.68 |
| 1266 | 579,483.29 | 3,254,435.68 |
| 1267 | 579,482.82 | 3,254,235.68 |
| 1268 | 579,510.11 | 3,254,038.01 |
| 1269 | 579,635.72 | 3,253,889.48 |
| 1270 | 579,806.21 | 3,253,785.91 |
| 1271 | 579,994.43 | 3,253,718.76 |
| 1272 | 580,168.98 | 3,253,645.82 |
| 1273 | 580,247.93 | 3,253,464.55 |
| 1274 | 580,360.55 | 3,253,302.04 |
| 1275 | 580,501.93 | 3,253,160.95 |
| 1276 | 580,643.01 | 3,253,019.38 |
| 1277 | 580,768.30 | 3,252,864.75 |
| 1278 | 580,857.68 | 3,252,687.50 |
| 1279 | 580,848.42 | 3,252,492.33 |
| 1280 | 580,697.52 | 3,252,367.82 |
| 1281 | 580,710.38 | 3,252,189.16 |
| 1282 | 580,809.14 | 3,252,024.90 |
| 1283 | 580,954.19 | 3,251,887.20 |
| 1284 | 581,120.52 | 3,251,776.21 |
| 1285 | 581,289.29 | 3,251,670.79 |
| 1286 | 581,488.69 | 3,251,684.68 |
| 1287 | 581,672.77 | 3,251,742.94 |
| 1288 | 581,822.35 | 3,251,875.64 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1289 | 581,997.67 | 3,251,918.00 |
| 1290 | 582,161.80 | 3,251,820.41 |
| 1291 | 582,236.96 | 3,251,635.07 |
| 1292 | 582,280.61 | 3,251,441.78 |
| 1293 | 582,344.69 | 3,251,256.99 |
| 1294 | 582,496.22 | 3,251,158.49 |
| 1295 | 582,695.50 | 3,251,161.41 |
| 1296 | 582,850.51 | 3,251,286.20 |
| 1297 | 583,017.18 | 3,251,242.76 |
| 1298 | 583,095.06 | 3,251,058.58 |
| 1299 | 583,117.35 | 3,250,862.37 |
| 1300 | 583,088.46 | 3,250,664.48 |
| 1301 | 583,145.33 | 3,250,487.27 |
| 1302 | 583,321.00 | 3,250,431.70 |
| 1303 | 583,490.62 | 3,250,535.95 |
| 1304 | 583,664.92 | 3,250,615.95 |
| 1305 | 583,750.46 | 3,250,796.73 |
| 1306 | 583,868.46 | 3,250,910.05 |
| 1307 | 583,983.86 | 3,250,761.35 |
| 1308 | 584,057.56 | 3,250,581.18 |
| 1309 | 584,249.84 | 3,250,528.13 |
| 1310 | 584,425.63 | 3,250,434.46 |
| 1311 | 584,608.33 | 3,250,385.81 |
| 1312 | 584,791.49 | 3,250,441.79 |
| 1313 | 584,970.04 | 3,250,530.83 |
| 1314 | 585,125.12 | 3,250,424.85 |
| 1315 | 585,204.45 | 3,250,242.27 |
| 1316 | 585,215.19 | 3,250,043.66 |
| 1317 | 585,212.88 | 3,249,843.67 |
| 1318 | 585,211.42 | 3,249,643.68 |
| 1319 | 585,291.46 | 3,249,470.86 |
| 1320 | 585,468.87 | 3,249,383.87 |
| 1321 | 585,653.70 | 3,249,440.33 |
| 1322 | 585,803.50 | 3,249,571.43 |
| 1323 | 585,983.40 | 3,249,641.43 |
| 1324 | 586,165.77 | 3,249,719.18 |
| 1325 | 586,363.51 | 3,249,749.14 |
| 1326 | 586,559.26 | 3,249,712.13 |
| 1327 | 586,729.64 | 3,249,610.68 |
| 1328 | 586,884.47 | 3,249,487.35 |
| 1329 | 587,005.93 | 3,249,328.45 |
| 1330 | 587,123.51 | 3,249,166.73 |
| 1331 | 587,270.55 | 3,249,038.89 |
| 1332 | 587,441.40 | 3,248,935.05 |
| 1333 | 587,503.02 | 3,248,766.53 |
| 1334 | 587,512.02 | 3,248,566.74 |
| 1335 | 587,549.76 | 3,248,379.03 |
| 1336 | 587,742.91 | 3,248,334.68 |
| 1337 | 587,922.38 | 3,248,265.86 |
| 1338 | 588,096.44 | 3,248,193.65 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1339 | 588,261.65 | 3,248,112.85 |
| 1340 | 588,370.03 | 3,247,944.76 |
| 1341 | 588,307.67 | 3,247,776.92 |
| 1342 | 588,237.13 | 3,247,592.08 |
| 1343 | 588,290.29 | 3,247,440.33 |
| 1344 | 588,443.50 | 3,247,312.97 |
| 1345 | 588,602.21 | 3,247,191.94 |
| 1346 | 588,754.39 | 3,247,062.92 |
| 1347 | 588,877.28 | 3,246,905.12 |
| 1348 | 589,000.16 | 3,246,747.33 |
| 1349 | 589,167.35 | 3,246,639.44 |
| 1350 | 589,330.65 | 3,246,570.35 |
| 1351 | 589,466.66 | 3,246,424.44 |
| 1352 | 589,599.38 | 3,246,277.58 |
| 1353 | 589,614.15 | 3,246,078.13 |
| 1354 | 589,533.24 | 3,245,921.34 |
| 1355 | 589,377.76 | 3,245,797.60 |
| 1356 | 589,367.24 | 3,245,597.88 |
| 1357 | 589,336.30 | 3,245,400.32 |
| 1358 | 589,266.37 | 3,245,216.27 |
| 1359 | 589,167.76 | 3,245,042.27 |
| 1360 | 589,105.05 | 3,244,854.29 |
| 1361 | 589,056.47 | 3,244,660.43 |
| 1362 | 588,993.22 | 3,244,470.69 |
| 1363 | 588,916.94 | 3,244,285.95 |
| 1364 | 588,837.41 | 3,244,102.44 |
| 1365 | 588,774.11 | 3,243,912.72 |
| 1366 | 588,704.23 | 3,243,725.41 |
| 1367 | 588,628.49 | 3,243,540.37 |
| 1368 | 588,541.53 | 3,243,360.26 |
| 1369 | 588,421.33 | 3,243,215.56 |
| 1370 | 588,236.11 | 3,243,140.10 |
| 1371 | 588,060.39 | 3,243,193.93 |
| 1372 | 587,883.04 | 3,243,284.65 |
| 1373 | 587,694.69 | 3,243,351.92 |
| 1374 | 587,500.19 | 3,243,351.79 |
| 1375 | 587,302.76 | 3,243,319.77 |
| 1376 | 587,106.39 | 3,243,282.15 |
| 1377 | 586,910.68 | 3,243,240.95 |
| 1378 | 586,720.24 | 3,243,182.85 |
| 1379 | 586,535.80 | 3,243,105.51 |
| 1380 | 586,370.53 | 3,242,996.74 |
| 1381 | 586,217.39 | 3,242,868.10 |
| 1382 | 586,120.86 | 3,242,696.34 |
| 1383 | 586,004.66 | 3,242,545.35 |
| 1384 | 585,828.56 | 3,242,450.54 |
| 1385 | 585,643.71 | 3,242,375.35 |
| 1386 | 585,452.50 | 3,242,326.98 |
| 1387 | 585,252.63 | 3,242,334.12 |
| 1388 | 585,070.31 | 3,242,404.85 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1389 | 584,902.48 | 3,242,512.61 |
| 1390 | 584,739.22 | 3,242,627.39 |
| 1391 | 584,564.24 | 3,242,724.25 |
| 1392 | 584,388.46 | 3,242,819.61 |
| 1393 | 584,210.55 | 3,242,910.97 |
| 1394 | 584,030.27 | 3,242,997.54 |
| 1395 | 583,846.25 | 3,243,075.58 |
| 1396 | 583,663.42 | 3,243,155.48 |
| 1397 | 583,491.24 | 3,243,257.22 |
| 1398 | 583,297.73 | 3,243,298.98 |
| 1399 | 583,124.23 | 3,243,270.98 |
| 1400 | 583,024.21 | 3,243,103.75 |
| 1401 | 583,033.29 | 3,242,903.95 |
| 1402 | 582,846.28 | 3,242,842.22 |
| 1403 | 582,684.79 | 3,242,735.68 |
| 1404 | 582,563.61 | 3,242,580.03 |
| 1405 | 582,490.47 | 3,242,393.89 |
| 1406 | 582,585.49 | 3,242,270.26 |
| 1407 | 582,583.60 | 3,242,156.49 |
| 1408 | 582,487.12 | 3,241,993.08 |
| 1409 | 582,451.30 | 3,241,796.63 |
| 1410 | 582,433.71 | 3,241,597.41 |
| 1411 | 582,440.67 | 3,241,399.20 |
| 1412 | 582,474.65 | 3,241,202.10 |
| 1413 | 582,516.01 | 3,241,006.44 |
| 1414 | 582,548.79 | 3,240,809.43 |
| 1415 | 582,569.37 | 3,240,610.49 |
| 1416 | 582,428.50 | 3,240,481.61 |
| 1417 | 582,269.16 | 3,240,360.73 |
| 1418 | 582,197.72 | 3,240,174.37 |
| 1419 | 582,149.85 | 3,239,980.96 |
| 1420 | 582,114.51 | 3,239,784.11 |
| 1421 | 582,105.40 | 3,239,585.67 |
| 1422 | 582,116.80 | 3,239,386.00 |
| 1423 | 582,074.41 | 3,239,193.49 |
| 1424 | 582,016.96 | 3,239,002.24 |
| 1425 | 581,979.30 | 3,238,805.81 |
| 1426 | 581,846.85 | 3,238,665.60 |
| 1427 | 581,653.16 | 3,238,685.38 |
| 1428 | 581,489.38 | 3,238,595.97 |
| 1429 | 581,368.66 | 3,238,436.90 |
| 1430 | 581,212.12 | 3,238,320.35 |
| 1431 | 581,026.01 | 3,238,252.42 |
| 1432 | 580,896.11 | 3,238,106.39 |
| 1433 | 580,791.28 | 3,237,943.41 |
| 1434 | 580,623.24 | 3,237,838.77 |
| 1435 | 580,514.30 | 3,237,677.70 |
| 1436 | 580,471.58 | 3,237,500.16 |
| 1437 | 580,363.65 | 3,237,333.28 |
| 1438 | 580,320.08 | 3,237,156.60 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1439 | 580,195.46 | 3,237,025.68 |
| 1440 | 580,027.14 | 3,236,943.95 |
| 1441 | 579,838.16 | 3,237,008.04 |
| 1442 | 579,648.26 | 3,236,964.91 |
| 1443 | 579,612.83 | 3,236,798.60 |
| 1444 | 579,694.44 | 3,236,671.41 |
| 1445 | 579,756.49 | 3,236,493.83 |
| 1446 | 579,732.22 | 3,236,296.09 |
| 1447 | 579,574.18 | 3,236,323.67 |
| 1448 | 579,383.62 | 3,236,341.16 |
| 1449 | 579,266.98 | 3,236,198.50 |
| 1450 | 579,148.54 | 3,236,045.10 |
| 1451 | 579,010.32 | 3,235,909.02 |
| 1452 | 578,854.43 | 3,235,787.22 |
| 1453 | 578,740.58 | 3,235,625.21 |
| 1454 | 578,653.94 | 3,235,445.25 |
| 1455 | 578,489.39 | 3,235,378.38 |
| 1456 | 578,290.75 | 3,235,356.92 |
| 1457 | 578,114.77 | 3,235,261.90 |
| 1458 | 577,938.79 | 3,235,166.87 |
| 1459 | 577,832.70 | 3,235,004.74 |
| 1460 | 577,744.93 | 3,234,825.03 |
| 1461 | 577,803.32 | 3,234,638.55 |
| 1462 | 577,902.17 | 3,234,470.22 |
| 1463 | 578,047.69 | 3,234,333.02 |
| 1464 | 578,197.03 | 3,234,200.11 |
| 1465 | 578,350.27 | 3,234,071.60 |
| 1466 | 578,505.86 | 3,233,945.93 |
| 1467 | 578,661.66 | 3,233,820.53 |
| 1468 | 578,805.15 | 3,233,681.41 |
| 1469 | 578,946.58 | 3,233,540.00 |
| 1470 | 579,134.58 | 3,233,473.12 |
| 1471 | 579,323.69 | 3,233,408.02 |
| 1472 | 579,515.03 | 3,233,350.47 |
| 1473 | 579,709.06 | 3,233,301.97 |
| 1474 | 579,903.09 | 3,233,253.47 |
| 1475 | 580,097.98 | 3,233,223.16 |
| 1476 | 580,295.70 | 3,233,253.26 |
| 1477 | 580,493.42 | 3,233,283.36 |
| 1478 | 580,691.14 | 3,233,313.47 |
| 1479 | 580,887.56 | 3,233,350.92 |
| 1480 | 581,083.60 | 3,233,390.54 |
| 1481 | 581,279.63 | 3,233,430.17 |
| 1482 | 581,472.96 | 3,233,480.16 |
| 1483 | 581,663.38 | 3,233,541.33 |
| 1484 | 581,853.80 | 3,233,602.49 |
| 1485 | 582,034.63 | 3,233,682.31 |
| 1486 | 582,195.18 | 3,233,801.56 |
| 1487 | 582,326.41 | 3,233,951.59 |
| 1488 | 582,394.47 | 3,234,121.34 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1489 | 582,357.88 | 3,234,317.96 |
| 1490 | 582,242.45 | 3,234,478.82 |
| 1491 | 582,358.80 | 3,234,637.16 |
| 1492 | 582,508.37 | 3,234,769.06 |
| 1493 | 582,703.00 | 3,234,815.08 |
| 1494 | 582,864.32 | 3,234,914.44 |
| 1495 | 582,987.12 | 3,235,072.28 |
| 1496 | 583,154.89 | 3,235,177.98 |
| 1497 | 583,349.55 | 3,235,218.13 |
| 1498 | 583,467.63 | 3,235,329.21 |
| 1499 | 583,548.60 | 3,235,510.72 |
| 1500 | 583,677.49 | 3,235,663.51 |
| 1501 | 583,818.75 | 3,235,805.05 |
| 1502 | 584,003.43 | 3,235,792.56 |
| 1503 | 584,193.70 | 3,235,819.07 |
| 1504 | 584,386.20 | 3,235,860.13 |
| 1505 | 584,568.86 | 3,235,930.51 |
| 1506 | 584,695.20 | 3,236,063.20 |
| 1507 | 584,789.25 | 3,236,234.62 |
| 1508 | 584,955.94 | 3,236,319.31 |
| 1509 | 585,064.72 | 3,236,483.32 |
| 1510 | 585,215.50 | 3,236,610.42 |
| 1511 | 585,367.46 | 3,236,720.06 |
| 1512 | 585,530.95 | 3,236,827.77 |
| 1513 | 585,574.65 | 3,236,985.30 |
| 1514 | 585,686.03 | 3,237,038.99 |
| 1515 | 585,832.43 | 3,236,999.39 |
| 1516 | 585,974.41 | 3,236,958.31 |
| 1517 | 586,129.27 | 3,237,045.95 |
| 1518 | 586,256.07 | 3,236,921.70 |
| 1519 | 586,396.92 | 3,237,001.09 |
| 1520 | 586,533.76 | 3,237,023.92 |
| 1521 | 586,709.37 | 3,236,997.94 |
| 1522 | 586,893.42 | 3,237,036.09 |
| 1523 | 587,066.98 | 3,236,948.35 |
| 1524 | 587,230.17 | 3,237,019.96 |
| 1525 | 587,403.12 | 3,237,022.04 |
| 1526 | 587,590.31 | 3,236,983.43 |
| 1527 | 587,745.58 | 3,236,944.70 |
| 1528 | 587,942.87 | 3,236,928.64 |
| 1529 | 588,136.10 | 3,236,916.18 |
| 1530 | 588,289.45 | 3,236,995.99 |
| 1531 | 588,475.53 | 3,237,000.04 |
| 1532 | 588,663.34 | 3,236,969.86 |
| 1533 | 588,838.28 | 3,236,880.31 |
| 1534 | 588,956.46 | 3,236,934.10 |
| 1535 | 588,919.72 | 3,237,127.62 |
| 1536 | 589,034.83 | 3,237,088.69 |
| 1537 | 589,161.29 | 3,236,936.40 |
| 1538 | 589,295.26 | 3,236,790.45 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1539 | 589,421.08 | 3,236,908.61 |
| 1540 | 589,450.11 | 3,236,730.59 |
| 1541 | 589,473.52 | 3,236,573.58 |
| 1542 | 589,632.74 | 3,236,494.10 |
| 1543 | 589,812.24 | 3,236,574.31 |
| 1544 | 589,777.85 | 3,236,388.62 |
| 1545 | 589,927.74 | 3,236,266.59 |
| 1546 | 590,109.80 | 3,236,196.57 |
| 1547 | 590,294.78 | 3,236,135.74 |
| 1548 | 590,465.20 | 3,236,046.49 |
| 1549 | 590,637.48 | 3,236,007.70 |
| 1550 | 590,800.71 | 3,235,922.77 |
| 1551 | 590,996.98 | 3,235,914.41 |
| 1552 | 591,148.69 | 3,235,951.77 |
| 1553 | 591,249.73 | 3,235,831.13 |
| 1554 | 591,354.16 | 3,235,852.88 |
| 1555 | 591,472.56 | 3,235,715.37 |
| 1556 | 591,601.93 | 3,235,860.93 |
| 1557 | 591,662.28 | 3,235,809.58 |
| 1558 | 591,690.80 | 3,235,617.47 |
| 1559 | 591,870.53 | 3,235,571.39 |
| 1560 | 592,061.95 | 3,235,517.84 |
| 1561 | 592,174.61 | 3,235,639.85 |
| 1562 | 592,262.71 | 3,235,709.20 |
| 1563 | 592,386.87 | 3,235,846.09 |
| 1564 | 592,511.28 | 3,235,847.01 |
| 1565 | 592,404.85 | 3,235,682.11 |
| 1566 | 592,321.21 | 3,235,502.23 |
| 1567 | 592,310.93 | 3,235,307.12 |
| 1568 | 592,448.09 | 3,235,175.20 |
| 1569 | 592,634.25 | 3,235,121.03 |
| 1570 | 592,792.85 | 3,235,178.64 |
| 1571 | 592,959.97 | 3,235,082.34 |
| 1572 | 593,072.42 | 3,234,928.47 |
| 1573 | 593,225.01 | 3,234,831.00 |
| 1574 | 593,392.74 | 3,234,796.42 |
| 1575 | 593,569.77 | 3,234,773.45 |
| 1576 | 593,768.18 | 3,234,782.45 |
| 1577 | 593,965.91 | 3,234,800.45 |
| 1578 | 594,111.66 | 3,234,854.71 |
| 1579 | 594,206.56 | 3,234,804.10 |
| 1580 | 594,284.62 | 3,234,668.25 |
| 1581 | 594,423.55 | 3,234,544.74 |
| 1582 | 594,556.19 | 3,234,423.78 |
| 1583 | 594,678.17 | 3,234,312.20 |
| 1584 | 594,830.43 | 3,234,264.46 |
| 1585 | 594,957.29 | 3,234,138.78 |
| 1586 | 595,022.22 | 3,233,966.36 |
| 1587 | 594,999.21 | 3,233,769.76 |
| 1588 | 595,109.02 | 3,233,608.86 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1589 | 595,298.74 | 3,233,571.79 |
| 1590 | 595,412.13 | 3,233,499.51 |
| 1591 | 595,456.05 | 3,233,317.96 |
| 1592 | 595,640.99 | 3,233,248.35 |
| 1593 | 595,704.92 | 3,233,421.99 |
| 1594 | 595,692.02 | 3,233,619.31 |
| 1595 | 595,836.27 | 3,233,728.41 |
| 1596 | 595,882.14 | 3,233,549.49 |
| 1597 | 595,889.04 | 3,233,350.86 |
| 1598 | 595,907.34 | 3,233,155.70 |
| 1599 | 596,008.06 | 3,232,994.16 |
| 1600 | 596,201.04 | 3,232,989.46 |
| 1601 | 596,320.43 | 3,232,866.63 |
| 1602 | 596,477.81 | 3,232,744.12 |
| 1603 | 596,568.09 | 3,232,868.55 |
| 1604 | 596,576.66 | 3,233,061.09 |
| 1605 | 596,674.51 | 3,232,956.59 |
| 1606 | 596,753.46 | 3,232,789.74 |
| 1607 | 596,703.45 | 3,232,598.26 |
| 1608 | 596,849.00 | 3,232,517.13 |
| 1609 | 596,995.85 | 3,232,649.26 |
| 1610 | 597,044.21 | 3,232,587.63 |
| 1611 | 596,958.81 | 3,232,411.86 |
| 1612 | 597,006.73 | 3,232,226.85 |
| 1613 | 597,191.87 | 3,232,261.25 |
| 1614 | 597,296.44 | 3,232,429.04 |
| 1615 | 597,406.27 | 3,232,582.86 |
| 1616 | 597,439.28 | 3,232,506.21 |
| 1617 | 597,364.49 | 3,232,324.29 |
| 1618 | 597,403.87 | 3,232,135.25 |
| 1619 | 597,429.45 | 3,231,965.00 |
| 1620 | 597,595.90 | 3,231,934.20 |
| 1621 | 597,628.63 | 3,232,130.03 |
| 1622 | 597,727.02 | 3,232,167.63 |
| 1623 | 597,792.29 | 3,231,979.76 |
| 1624 | 597,945.60 | 3,232,006.25 |
| 1625 | 598,087.13 | 3,231,961.63 |
| 1626 | 598,061.71 | 3,232,158.53 |
| 1627 | 598,049.87 | 3,232,354.37 |
| 1628 | 598,003.64 | 3,232,546.66 |
| 1629 | 598,018.21 | 3,232,739.92 |
| 1630 | 598,095.46 | 3,232,587.44 |
| 1631 | 598,198.11 | 3,232,455.13 |
| 1632 | 598,258.49 | 3,232,270.01 |
| 1633 | 598,321.51 | 3,232,090.70 |
| 1634 | 598,499.87 | 3,232,113.21 |
| 1635 | 598,655.23 | 3,232,187.49 |
| 1636 | 598,555.57 | 3,232,030.10 |
| 1637 | 598,492.19 | 3,231,850.01 |
| 1638 | 598,615.88 | 3,231,709.11 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1639 | 598,805.61 | 3,231,660.44 |
| 1640 | 598,985.42 | 3,231,683.56 |
| 1641 | 599,140.39 | 3,231,765.55 |
| 1642 | 599,166.57 | 3,231,961.63 |
| 1643 | 599,350.97 | 3,231,947.89 |
| 1644 | 599,442.43 | 3,231,821.38 |
| 1645 | 599,457.44 | 3,231,625.36 |
| 1646 | 599,560.90 | 3,231,477.99 |
| 1647 | 599,751.82 | 3,231,466.90 |
| 1648 | 599,926.37 | 3,231,553.85 |
| 1649 | 600,081.00 | 3,231,451.26 |
| 1650 | 600,273.52 | 3,231,469.70 |
| 1651 | 600,323.91 | 3,231,291.07 |
| 1652 | 600,498.77 | 3,231,230.20 |
| 1653 | 600,678.08 | 3,231,279.85 |
| 1654 | 600,819.79 | 3,231,264.68 |
| 1655 | 600,869.55 | 3,231,070.97 |
| 1656 | 600,895.55 | 3,230,873.53 |
| 1657 | 600,912.70 | 3,230,675.64 |
| 1658 | 601,025.37 | 3,230,510.39 |
| 1659 | 601,167.08 | 3,230,379.26 |
| 1660 | 601,348.18 | 3,230,294.38 |
| 1661 | 601,530.29 | 3,230,211.82 |
| 1662 | 601,715.23 | 3,230,135.67 |
| 1663 | 601,898.71 | 3,230,057.73 |
| 1664 | 602,011.01 | 3,229,892.24 |
| 1665 | 602,123.32 | 3,229,726.75 |
| 1666 | 602,255.61 | 3,229,576.86 |
| 1667 | 602,388.88 | 3,229,427.73 |
| 1668 | 602,521.79 | 3,229,278.28 |
| 1669 | 602,653.92 | 3,229,128.14 |
| 1670 | 602,786.06 | 3,228,978.01 |
| 1671 | 602,954.07 | 3,228,871.31 |
| 1672 | 602,908.83 | 3,228,744.62 |
| 1673 | 602,764.30 | 3,228,606.38 |
| 1674 | 602,744.14 | 3,228,423.24 |
| 1675 | 602,767.07 | 3,228,224.56 |
| 1676 | 602,789.99 | 3,228,025.88 |
| 1677 | 602,856.98 | 3,227,842.28 |
| 1678 | 602,960.64 | 3,227,671.25 |
| 1679 | 603,074.76 | 3,227,509.60 |
| 1680 | 603,233.76 | 3,227,388.27 |
| 1681 | 603,392.75 | 3,227,266.94 |
| 1682 | 603,544.17 | 3,227,137.56 |
| 1683 | 603,675.06 | 3,226,986.33 |
| 1684 | 603,805.94 | 3,226,835.11 |
| 1685 | 603,970.58 | 3,226,722.34 |
| 1686 | 604,137.52 | 3,226,612.20 |
| 1687 | 604,308.11 | 3,226,507.97 |
| 1688 | 604,475.72 | 3,226,400.06 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1689 | 604,627.21 | 3,226,269.48 |
| 1690 | 604,778.69 | 3,226,138.89 |
| 1691 | 604,970.44 | 3,226,166.48 |
| 1692 | 605,165.92 | 3,226,208.74 |
| 1693 | 605,360.88 | 3,226,253.31 |
| 1694 | 605,555.50 | 3,226,299.40 |
| 1695 | 605,746.47 | 3,226,355.37 |
| 1696 | 605,924.33 | 3,226,446.84 |
| 1697 | 606,102.19 | 3,226,538.30 |
| 1698 | 606,275.98 | 3,226,637.20 |
| 1699 | 606,448.84 | 3,226,737.79 |
| 1700 | 606,620.42 | 3,226,840.37 |
| 1701 | 606,783.35 | 3,226,956.36 |
| 1702 | 606,946.28 | 3,227,072.36 |
| 1703 | 607,039.84 | 3,227,244.94 |
| 1704 | 607,120.75 | 3,227,427.84 |
| 1705 | 607,201.67 | 3,227,610.75 |
| 1706 | 607,254.68 | 3,227,803.32 |
| 1707 | 607,304.36 | 3,227,997.05 |
| 1708 | 607,345.35 | 3,228,192.55 |
| 1709 | 607,375.02 | 3,228,390.33 |
| 1710 | 607,404.69 | 3,228,588.12 |
| 1711 | 607,362.70 | 3,228,783.17 |
| 1712 | 607,318.02 | 3,228,978.11 |
| 1713 | 607,273.34 | 3,229,173.06 |
| 1714 | 607,133.73 | 3,229,314.36 |
| 1715 | 606,989.78 | 3,229,453.20 |
| 1716 | 606,845.83 | 3,229,592.05 |
| 1717 | 606,703.54 | 3,229,732.58 |
| 1718 | 606,562.98 | 3,229,874.85 |
| 1719 | 606,422.42 | 3,230,017.13 |
| 1720 | 606,303.61 | 3,230,173.20 |
| 1721 | 606,234.85 | 3,230,361.01 |
| 1722 | 606,166.08 | 3,230,548.82 |
| 1723 | 606,096.78 | 3,230,736.38 |
| 1724 | 606,000.71 | 3,230,911.80 |
| 1725 | 605,904.65 | 3,231,087.21 |
| 1726 | 605,802.86 | 3,231,257.82 |
| 1727 | 605,646.68 | 3,231,382.76 |
| 1728 | 605,527.25 | 3,231,536.99 |
| 1729 | 605,440.30 | 3,231,717.09 |
| 1730 | 605,330.96 | 3,231,882.92 |
| 1731 | 605,204.30 | 3,232,037.71 |
| 1732 | 605,156.15 | 3,232,227.82 |
| 1733 | 605,124.30 | 3,232,425.27 |
| 1734 | 605,078.73 | 3,232,619.96 |
| 1735 | 605,030.36 | 3,232,813.96 |
| 1736 | 604,967.11 | 3,233,003.70 |
| 1737 | 604,903.87 | 3,233,193.43 |
| 1738 | 604,859.84 | 3,233,388.22 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1739 | 604,821.54 | 3,233,584.52 |
| 1740 | 604,783.23 | 3,233,780.82 |
| 1741 | 604,672.04 | 3,233,944.93 |
| 1742 | 604,552.77 | 3,234,105.48 |
| 1743 | 604,433.51 | 3,234,266.03 |
| 1744 | 604,286.66 | 3,234,397.25 |
| 1745 | 604,119.13 | 3,234,506.50 |
| 1746 | 603,994.09 | 3,234,651.32 |
| 1747 | 603,915.98 | 3,234,835.44 |
| 1748 | 603,837.86 | 3,235,019.55 |
| 1749 | 603,713.00 | 3,235,172.14 |
| 1750 | 603,571.58 | 3,235,313.56 |
| 1751 | 603,430.15 | 3,235,454.98 |
| 1752 | 603,346.37 | 3,235,635.59 |
| 1753 | 603,266.85 | 3,235,819.10 |
| 1754 | 603,238.98 | 3,236,008.09 |
| 1755 | 603,278.21 | 3,236,204.21 |
| 1756 | 603,329.17 | 3,236,397.21 |
| 1757 | 603,392.42 | 3,236,586.94 |
| 1758 | 603,460.08 | 3,236,774.33 |
| 1759 | 603,582.52 | 3,236,932.47 |
| 1760 | 603,704.96 | 3,237,090.61 |
| 1761 | 603,832.73 | 3,237,241.42 |
| 1762 | 604,020.85 | 3,237,309.34 |
| 1763 | 604,208.96 | 3,237,377.27 |
| 1764 | 604,398.64 | 3,237,429.90 |
| 1765 | 604,596.63 | 3,237,401.62 |
| 1766 | 604,794.62 | 3,237,373.33 |
| 1767 | 604,992.61 | 3,237,345.05 |
| 1768 | 605,164.70 | 3,237,265.10 |
| 1769 | 605,305.84 | 3,237,123.39 |
| 1770 | 605,446.97 | 3,236,981.69 |
| 1771 | 605,588.11 | 3,236,839.98 |
| 1772 | 605,738.07 | 3,236,710.40 |
| 1773 | 605,916.28 | 3,236,619.62 |
| 1774 | 606,094.49 | 3,236,528.84 |
| 1775 | 606,272.70 | 3,236,438.06 |
| 1776 | 606,450.91 | 3,236,347.28 |
| 1777 | 606,640.69 | 3,236,288.20 |
| 1778 | 606,835.49 | 3,236,242.90 |
| 1779 | 607,030.29 | 3,236,197.60 |
| 1780 | 607,225.03 | 3,236,152.04 |
| 1781 | 607,419.65 | 3,236,105.95 |
| 1782 | 607,614.27 | 3,236,059.86 |
| 1783 | 607,810.60 | 3,236,025.27 |
| 1784 | 608,010.19 | 3,236,012.53 |
| 1785 | 608,209.79 | 3,235,999.79 |
| 1786 | 608,409.38 | 3,235,987.05 |
| 1787 | 608,600.92 | 3,235,934.51 |
| 1788 | 608,789.76 | 3,235,868.64 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1789 | 608,978.60 | 3,235,802.76 |
| 1790 | 609,166.99 | 3,235,735.64 |
| 1791 | 609,354.16 | 3,235,665.17 |
| 1792 | 609,541.34 | 3,235,594.70 |
| 1793 | 609,711.14 | 3,235,491.01 |
| 1794 | 609,875.78 | 3,235,377.47 |
| 1795 | 610,045.12 | 3,235,273.29 |
| 1796 | 610,234.58 | 3,235,209.21 |
| 1797 | 610,424.04 | 3,235,145.14 |
| 1798 | 610,618.67 | 3,235,104.23 |
| 1799 | 610,817.39 | 3,235,081.65 |
| 1800 | 611,016.11 | 3,235,059.07 |
| 1801 | 611,215.23 | 3,235,043.55 |
| 1802 | 611,415.23 | 3,235,043.55 |
| 1803 | 611,615.23 | 3,235,043.56 |
| 1804 | 611,809.79 | 3,235,081.47 |
| 1805 | 612,001.72 | 3,235,137.72 |
| 1806 | 612,193.64 | 3,235,193.97 |
| 1807 | 612,385.57 | 3,235,250.22 |
| 1808 | 612,577.50 | 3,235,306.48 |
| 1809 | 612,770.58 | 3,235,358.61 |
| 1810 | 612,963.70 | 3,235,410.60 |
| 1811 | 613,156.83 | 3,235,462.59 |
| 1812 | 613,327.65 | 3,235,545.35 |

| Vértice | X | Y |
|---------|------------|--------------|
| 1813 | 613,437.10 | 3,235,712.74 |
| 1814 | 613,546.55 | 3,235,880.13 |
| 1815 | 613,687.06 | 3,236,010.79 |
| 1816 | 613,870.34 | 3,236,090.84 |
| 1817 | 614,053.62 | 3,236,170.89 |
| 1818 | 614,236.90 | 3,236,250.94 |
| 1819 | 614,421.38 | 3,236,325.27 |
| 1820 | 614,621.38 | 3,236,325.27 |
| 1821 | 614,821.38 | 3,236,325.27 |
| 1822 | 615,021.38 | 3,236,325.27 |
| 1823 | 615,180.16 | 3,236,430.37 |
| 1824 | 615,326.85 | 3,236,566.32 |
| 1825 | 615,484.44 | 3,236,679.33 |
| 1826 | 615,682.49 | 3,236,707.21 |
| 1827 | 615,880.54 | 3,236,735.08 |
| 1828 | 616,078.82 | 3,236,761.12 |
| 1829 | 616,277.47 | 3,236,784.37 |
| 1830 | 616,476.11 | 3,236,807.62 |
| 1831 | 616,666.33 | 3,236,843.16 |
| 1832 | 616,759.70 | 3,237,020.03 |
| 1833 | 616,853.07 | 3,237,196.90 |
| 1834 | 616,938.32 | 3,237,358.38 |

Subzona de Uso Público

Polígono 1

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 604,407.16 | 3,221,618.58 |
| 2 | 604,554.38 | 3,221,440.26 |
| 3 | 604,354.21 | 3,221,304.34 |
| 4 | 604,254.10 | 3,221,236.35 |
| 5 | 604,252.44 | 3,221,235.42 |
| 6 | 604,052.81 | 3,221,122.86 |
| 7 | 603,791.40 | 3,220,939.89 |
| 8 | 603,623.55 | 3,221,068.38 |
| 9 | 603,521.29 | 3,220,968.21 |
| 10 | 603,403.66 | 3,221,172.96 |

| Vértice | X | Y |
|---------|------------|--------------|
| 11 | 603,545.25 | 3,221,273.16 |
| 12 | 603,691.20 | 3,221,264.45 |
| 13 | 603,778.34 | 3,221,331.97 |
| 14 | 603,900.32 | 3,221,369.00 |
| 15 | 604,037.56 | 3,221,427.81 |
| 16 | 604,207.25 | 3,221,526.27 |
| 17 | 604,209.23 | 3,221,522.60 |
| 18 | 604,394.31 | 3,221,597.67 |
| 19 | 604,407.16 | 3,221,618.58 |

Subzona de Uso Público

Polígono 2

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 604,502.32 | 3,217,917.11 |
| 2 | 604,500.92 | 3,217,914.72 |
| 3 | 604,676.32 | 3,217,859.12 |
| 4 | 604,867.77 | 3,217,801.29 |
| 5 | 604,995.32 | 3,217,726.57 |
| 6 | 604,855.68 | 3,217,588.91 |

| Vértice | X | Y |
|---------|------------|--------------|
| 7 | 604,666.95 | 3,217,655.11 |
| 8 | 604,636.91 | 3,217,637.50 |
| 9 | 604,386.08 | 3,217,735.77 |
| 10 | 604,251.10 | 3,217,854.65 |
| 11 | 604,274.80 | 3,217,987.94 |
| 12 | 604,502.32 | 3,217,917.11 |

Subzona de Uso Público

Polígono 3

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 618,179.38 | 3,214,457.80 |
| 2 | 618,946.40 | 3,214,862.79 |
| 3 | 618,924.39 | 3,214,663.80 |
| 4 | 618,867.39 | 3,214,520.80 |

| Vértice | X | Y |
|---------|------------|--------------|
| 5 | 618,646.39 | 3,214,478.80 |
| 6 | 618,179.38 | 3,214,457.80 |

Subzona de Uso Público

Polígono 4

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 627,507.52 | 3,206,690.12 |
| 2 | 627,636.52 | 3,206,816.11 |
| 3 | 627,571.52 | 3,206,954.11 |
| 4 | 627,756.53 | 3,207,286.10 |
| 5 | 628,168.54 | 3,207,461.09 |

| Vértice | X | Y |
|---------|------------|--------------|
| 6 | 628,293.54 | 3,207,483.09 |
| 7 | 628,386.54 | 3,207,157.10 |
| 8 | 629,117.55 | 3,206,719.12 |
| 9 | 627,507.52 | 3,206,690.12 |

Subzona de Asentamientos Humanos

Polígono 1

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 577,137.11 | 3,255,173.90 |
| 2 | 577,148.45 | 3,255,101.98 |
| 3 | 577,138.45 | 3,254,997.52 |
| 4 | 576,927.89 | 3,254,849.81 |
| 5 | 576,842.60 | 3,254,881.08 |
| 6 | 576,737.05 | 3,255,067.91 |
| 7 | 576,785.75 | 3,255,173.90 |
| 8 | 576,518.50 | 3,255,225.07 |
| 9 | 576,168.82 | 3,255,256.34 |
| 10 | 575,867.46 | 3,255,244.97 |
| 11 | 575,634.11 | 3,255,136.97 |
| 12 | 575,480.81 | 3,255,020.38 |

| Vértice | X | Y |
|---------|------------|--------------|
| 13 | 575,369.93 | 3,255,014.70 |
| 14 | 575,312.04 | 3,255,093.50 |
| 15 | 575,541.17 | 3,255,153.50 |
| 16 | 575,700.60 | 3,255,261.75 |
| 17 | 575,910.60 | 3,255,303.75 |
| 18 | 576,066.17 | 3,255,290.25 |
| 19 | 576,278.17 | 3,255,345.75 |
| 20 | 576,572.23 | 3,255,314.25 |
| 21 | 576,855.48 | 3,255,264.00 |
| 22 | 577,118.29 | 3,255,293.25 |
| 23 | 577,137.11 | 3,255,173.90 |

Subzona de Asentamientos Humanos

Polígono 2

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 578,185.56 | 3,253,900.17 |
| 2 | 578,315.16 | 3,253,582.10 |
| 3 | 578,462.46 | 3,253,413.50 |
| 4 | 578,641.02 | 3,253,361.00 |
| 5 | 578,840.52 | 3,253,192.75 |
| 6 | 578,857.58 | 3,253,120.87 |
| 7 | 578,935.09 | 3,253,020.07 |
| 8 | 578,977.62 | 3,252,849.12 |
| 9 | 579,026.71 | 3,252,774.49 |
| 10 | 579,166.08 | 3,252,562.74 |
| 11 | 579,365.15 | 3,252,407.05 |
| 12 | 579,104.64 | 3,252,416.34 |
| 13 | 578,938.12 | 3,252,734.02 |

| Vértice | X | Y |
|---------|------------|--------------|
| 14 | 578,666.29 | 3,253,061.42 |
| 15 | 578,389.22 | 3,253,218.56 |
| 16 | 578,160.20 | 3,253,463.26 |
| 17 | 578,006.36 | 3,253,668.36 |
| 18 | 577,847.49 | 3,253,880.19 |
| 19 | 577,686.21 | 3,254,095.22 |
| 20 | 577,727.57 | 3,254,256.49 |
| 21 | 577,930.20 | 3,254,326.79 |
| 22 | 577,991.45 | 3,254,347.74 |
| 23 | 578,073.91 | 3,254,253.50 |
| 24 | 578,136.91 | 3,254,148.50 |
| 25 | 578,185.56 | 3,253,900.17 |

Subzona de Asentamientos Humanos

Polígono 3

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 580,705.92 | 3,252,076.95 |
| 2 | 580,724.93 | 3,251,968.05 |
| 3 | 580,722.10 | 3,251,963.48 |
| 4 | 580,693.82 | 3,251,917.92 |
| 5 | 580,617.76 | 3,251,885.08 |
| 6 | 580,481.19 | 3,251,961.13 |
| 7 | 580,460.45 | 3,252,059.66 |
| 8 | 580,458.24 | 3,252,081.16 |
| 9 | 580,446.62 | 3,252,194.49 |

| Vértice | X | Y |
|---------|------------|--------------|
| 10 | 580,417.24 | 3,252,315.49 |
| 11 | 580,418.97 | 3,252,410.56 |
| 12 | 580,477.74 | 3,252,500.44 |
| 13 | 580,529.60 | 3,252,493.53 |
| 14 | 580,573.01 | 3,252,449.96 |
| 15 | 580,598.74 | 3,252,337.96 |
| 16 | 580,623.62 | 3,252,229.69 |
| 17 | 580,705.92 | 3,252,076.95 |

Subzona de Asentamientos Humanos

Polígono 4

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 582,779.61 | 3,249,829.15 |
| 2 | 582,953.87 | 3,249,711.11 |
| 3 | 583,071.86 | 3,249,631.19 |
| 4 | 583,333.35 | 3,249,666.18 |
| 5 | 583,486.98 | 3,249,620.96 |
| 6 | 583,740.64 | 3,249,546.31 |
| 7 | 584,109.63 | 3,249,437.71 |
| 8 | 584,091.97 | 3,249,396.08 |
| 9 | 584,061.74 | 3,249,324.81 |
| 10 | 583,915.56 | 3,248,980.21 |
| 11 | 583,750.63 | 3,249,169.27 |
| 12 | 583,557.37 | 3,249,390.80 |

| Vértice | X | Y |
|---------|------------|--------------|
| 13 | 583,430.10 | 3,249,357.80 |
| 14 | 583,260.40 | 3,249,433.22 |
| 15 | 583,034.24 | 3,249,259.03 |
| 16 | 582,855.02 | 3,249,343.66 |
| 17 | 582,935.16 | 3,249,513.35 |
| 18 | 582,836.17 | 3,249,631.19 |
| 19 | 582,685.33 | 3,249,678.32 |
| 20 | 582,580.40 | 3,249,824.54 |
| 21 | 582,624.05 | 3,249,909.28 |
| 22 | 582,779.61 | 3,249,829.15 |

Subzona de Asentamientos Humanos

Polígono 5

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 584,415.27 | 3,249,400.23 |
| 2 | 584,679.24 | 3,249,480.36 |
| 3 | 585,146.91 | 3,249,386.95 |
| 4 | 585,050.18 | 3,249,250.12 |

| Vértice | X | Y |
|---------|------------|--------------|
| 5 | 584,863.07 | 3,248,985.44 |
| 6 | 584,589.67 | 3,249,178.69 |
| 7 | 584,415.27 | 3,249,400.23 |

Subzona de Asentamientos Humanos

Polígono 6

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 618,254.18 | 3,237,650.83 |
| 2 | 618,257.81 | 3,237,501.18 |
| 3 | 618,262.86 | 3,237,292.88 |
| 4 | 618,197.77 | 3,237,206.11 |
| 5 | 618,264.31 | 3,237,117.15 |
| 6 | 618,267.19 | 3,236,965.31 |
| 7 | 618,046.99 | 3,236,972.65 |
| 8 | 618,009.03 | 3,237,034.73 |
| 9 | 618,060.64 | 3,237,066.29 |
| 10 | 618,132.69 | 3,237,093.30 |
| 11 | 618,093.64 | 3,237,197.43 |

| Vértice | X | Y |
|---------|------------|--------------|
| 12 | 618,013.37 | 3,237,264.68 |
| 13 | 618,032.89 | 3,237,318.92 |
| 14 | 618,119.67 | 3,237,379.66 |
| 15 | 618,156.55 | 3,237,511.99 |
| 16 | 618,093.64 | 3,237,577.07 |
| 17 | 617,868.02 | 3,237,648.66 |
| 18 | 617,985.17 | 3,237,739.77 |
| 19 | 618,069.77 | 3,237,739.77 |
| 20 | 618,097.98 | 3,237,739.77 |
| 21 | 618,254.18 | 3,237,650.83 |

Subzona de Asentamientos Humanos

Polígono 7

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 604,354.21 | 3,221,304.34 |
| 2 | 604,554.38 | 3,221,440.26 |
| 3 | 604,407.16 | 3,221,618.58 |
| 4 | 604,495.77 | 3,221,762.70 |
| 5 | 604,524.46 | 3,221,947.35 |
| 6 | 604,469.76 | 3,222,139.73 |
| 7 | 604,427.04 | 3,222,333.93 |
| 8 | 604,421.84 | 3,222,533.86 |
| 9 | 604,547.74 | 3,222,635.13 |
| 10 | 604,739.01 | 3,222,617.52 |
| 11 | 604,918.01 | 3,222,536.56 |
| 12 | 605,061.85 | 3,222,397.60 |
| 13 | 605,227.30 | 3,222,290.89 |
| 14 | 605,398.82 | 3,222,191.95 |
| 15 | 605,551.41 | 3,222,062.66 |
| 16 | 605,704.00 | 3,221,933.36 |
| 17 | 605,856.59 | 3,221,804.07 |
| 18 | 606,005.92 | 3,221,671.39 |
| 19 | 606,141.16 | 3,221,524.04 |
| 20 | 606,300.25 | 3,221,412.63 |
| 21 | 606,469.22 | 3,221,324.58 |
| 22 | 606,502.91 | 3,221,137.96 |
| 23 | 606,547.94 | 3,220,955.36 |
| 24 | 606,461.24 | 3,220,862.73 |
| 25 | 606,439.25 | 3,220,708.29 |
| 26 | 606,563.96 | 3,220,576.08 |
| 27 | 606,743.62 | 3,220,489.95 |
| 28 | 606,939.33 | 3,220,448.75 |
| 29 | 607,132.39 | 3,220,400.29 |
| 30 | 607,308.78 | 3,220,306.02 |
| 31 | 607,426.98 | 3,220,166.10 |

| Vértice | X | Y |
|---------|------------|--------------|
| 32 | 607,443.08 | 3,219,972.63 |
| 33 | 607,388.52 | 3,219,780.63 |
| 34 | 607,259.02 | 3,219,628.22 |
| 35 | 607,132.28 | 3,219,473.51 |
| 36 | 607,005.53 | 3,219,318.80 |
| 37 | 606,870.09 | 3,219,282.73 |
| 38 | 606,732.29 | 3,219,304.90 |
| 39 | 606,610.79 | 3,219,146.04 |
| 40 | 606,514.73 | 3,218,971.07 |
| 41 | 606,356.46 | 3,218,964.74 |
| 42 | 606,168.83 | 3,219,033.97 |
| 43 | 605,981.19 | 3,219,103.20 |
| 44 | 605,793.56 | 3,219,172.43 |
| 45 | 605,604.31 | 3,219,237.01 |
| 46 | 605,414.00 | 3,219,298.50 |
| 47 | 605,223.68 | 3,219,359.98 |
| 48 | 605,124.84 | 3,219,519.73 |
| 49 | 605,049.89 | 3,219,705.16 |
| 50 | 604,974.95 | 3,219,890.58 |
| 51 | 604,900.00 | 3,220,076.01 |
| 52 | 604,825.06 | 3,220,261.44 |
| 53 | 604,750.12 | 3,220,446.87 |
| 54 | 604,675.17 | 3,220,632.29 |
| 55 | 604,600.23 | 3,220,817.72 |
| 56 | 604,525.28 | 3,221,003.15 |
| 57 | 604,450.01 | 3,221,188.44 |
| 58 | 604,354.21 | 3,221,304.34 |

Subzona de Asentamientos Humanos

Polígono 8

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 643,616.02 | 3,222,271.45 |
| 2 | 643,583.10 | 3,222,221.97 |
| 3 | 643,526.46 | 3,222,136.82 |
| 4 | 643,438.21 | 3,222,030.71 |
| 5 | 643,578.84 | 3,221,895.34 |
| 6 | 643,587.88 | 3,221,759.58 |
| 7 | 643,591.15 | 3,221,710.40 |
| 8 | 643,679.18 | 3,221,558.07 |
| 9 | 643,666.05 | 3,221,358.51 |

| Vértice | X | Y |
|---------|------------|--------------|
| 10 | 643,656.15 | 3,221,208.01 |
| 11 | 643,624.05 | 3,221,170.75 |
| 12 | 643,493.51 | 3,221,019.23 |
| 13 | 643,397.63 | 3,220,907.96 |
| 14 | 643,344.62 | 3,220,911.36 |
| 15 | 643,312.51 | 3,220,913.42 |
| 16 | 643,145.03 | 3,220,924.18 |
| 17 | 642,945.44 | 3,220,936.99 |
| 18 | 642,894.44 | 3,220,940.27 |

| Vértice | X | Y |
|---------|------------|--------------|
| 19 | 642,884.13 | 3,221,088.81 |
| 20 | 642,866.24 | 3,221,287.51 |
| 21 | 642,801.14 | 3,221,476.61 |
| 22 | 642,736.03 | 3,221,665.72 |
| 23 | 642,677.48 | 3,221,835.80 |
| 24 | 642,691.12 | 3,221,850.59 |
| 25 | 642,826.78 | 3,221,997.54 |
| 26 | 642,899.07 | 3,222,075.84 |
| 27 | 642,985.70 | 3,222,110.85 |
| 28 | 643,170.25 | 3,222,187.82 |

| Vértice | X | Y |
|---------|------------|--------------|
| 29 | 643,272.18 | 3,222,234.37 |
| 30 | 643,352.17 | 3,222,270.93 |
| 31 | 643,486.49 | 3,222,403.74 |
| 32 | 643,519.45 | 3,222,327.79 |
| 33 | 643,586.28 | 3,222,269.63 |
| 34 | 643,616.02 | 3,222,271.45 |
| 35 | 620,701.42 | 3,209,379.11 |

Subzona de Asentamientos Humanos

Polígono 9

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 620,701.42 | 3,209,379.11 |
| 2 | 620,603.01 | 3,209,259.23 |
| 3 | 620,303.19 | 3,209,399.41 |
| 4 | 620,354.28 | 3,209,525.94 |
| 5 | 620,177.48 | 3,209,603.93 |
| 6 | 620,183.43 | 3,209,798.09 |
| 7 | 620,166.44 | 3,209,984.19 |
| 8 | 620,258.70 | 3,210,161.64 |
| 9 | 620,350.95 | 3,210,339.08 |
| 10 | 620,480.44 | 3,210,475.43 |

| | | |
|----|------------|--------------|
| 11 | 620,622.91 | 3,210,361.32 |
| 12 | 620,782.70 | 3,210,242.94 |
| 13 | 620,950.12 | 3,210,133.53 |
| 14 | 621,117.53 | 3,210,024.11 |
| 15 | 621,044.04 | 3,209,914.23 |
| 16 | 620,844.19 | 3,209,906.49 |
| 17 | 620,710.81 | 3,209,794.21 |
| 18 | 620,710.51 | 3,209,635.38 |
| 19 | 620,802.59 | 3,209,502.34 |
| 20 | 620,701.42 | 3,209,379.11 |

Subzona de Asentamientos Humanos

Polígono 10

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 616,508.20 | 3,203,740.47 |
| 2 | 616,517.46 | 3,203,888.73 |
| 3 | 616,649.52 | 3,204,046.26 |
| 4 | 616,792.55 | 3,204,084.43 |
| 5 | 616,902.05 | 3,204,027.73 |
| 6 | 617,031.79 | 3,203,960.55 |
| 7 | 616,948.38 | 3,203,874.83 |

| Vértice | X | Y |
|---------|------------|--------------|
| 8 | 616,818.64 | 3,203,886.41 |
| 9 | 616,730.62 | 3,203,832.06 |
| 10 | 616,649.52 | 3,203,763.63 |
| 11 | 616,575.38 | 3,203,701.08 |
| 12 | 616,508.20 | 3,203,740.47 |

Subzona de Asentamientos Humanos

Polígono 11

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 614,900.79 | 3,201,588.06 |
| 2 | 614,436.61 | 3,201,116.95 |
| 3 | 614,304.32 | 3,200,959.13 |
| 4 | 614,186.12 | 3,201,043.30 |
| 5 | 614,207.80 | 3,201,182.69 |

| Vértice | X | Y |
|---------|------------|--------------|
| 6 | 614,212.30 | 3,201,197.07 |
| 7 | 614,284.77 | 3,201,429.02 |
| 8 | 614,418.05 | 3,201,583.41 |
| 9 | 614,661.74 | 3,201,794.60 |
| 10 | 614,900.79 | 3,201,588.06 |

Subzona de Asentamientos Humanos

Polígono 12

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 655,440.99 | 3,197,341.70 |
| 2 | 655,456.18 | 3,197,399.22 |
| 3 | 655,646.11 | 3,197,546.81 |
| 4 | 655,678.67 | 3,197,512.08 |
| 5 | 655,747.05 | 3,197,530.53 |
| 6 | 655,787.52 | 3,197,480.24 |

| Vértice | X | Y |
|---------|------------|--------------|
| 7 | 655,835.10 | 3,197,350.39 |
| 8 | 655,672.16 | 3,197,290.69 |
| 9 | 655,529.98 | 3,197,238.60 |
| 10 | 655,440.99 | 3,197,341.70 |

Subzona de Asentamientos Humanos

Polígono 13

| Vértice | X | Y |
|---------|------------|--------------|
| 1 | 648,298.91 | 3,196,834.11 |
| 2 | 648,074.47 | 3,196,825.40 |
| 3 | 647,817.34 | 3,197,019.32 |
| 4 | 647,854.38 | 3,197,108.66 |
| 5 | 647,987.30 | 3,197,102.12 |
| 6 | 648,192.14 | 3,197,054.19 |

| Vértice | X | Y |
|---------|------------|--------------|
| 7 | 648,309.81 | 3,197,184.93 |
| 8 | 648,353.39 | 3,197,099.95 |
| 9 | 648,455.81 | 3,197,045.47 |
| 10 | 648,460.17 | 3,196,962.67 |
| 11 | 648,298.91 | 3,196,834.11 |

Reglas Administrativas**CAPITULO I****Disposiciones Generales**

Regla 1. Las presentes Reglas Administrativas son de observancia general y obligatoria para todas las personas físicas o morales que realicen actividades dentro del Area de Protección de Flora y Fauna Cañón de Santa Elena, ubicada en los municipios de Manuel Benavides y Ojinaga, en el Estado de Chihuahua, con una superficie de 277,209-72-12.5 hectáreas.

Regla 2. La aplicación de las presentes Reglas Administrativas corresponde a la Secretaría de Medio Ambiente y Recursos Naturales, sin perjuicio de las atribuciones que correspondan a otras dependencias del Ejecutivo Federal, de conformidad con el decreto de creación del Area Natural Protegida, su Programa de Manejo y demás ordenamientos legales y reglamentarios aplicables.

Regla 3. Para los efectos de lo previsto en las presentes Reglas Administrativas, además de las definiciones contenidas en la Ley General del Equilibrio Ecológico y la Protección al Ambiente, su Reglamento en Materia de Areas Naturales Protegidas, se entenderá por:

- I. **APFFCSE:** El Area de Protección de Flora y Fauna Cañón de Santa Elena, ubicada en los municipios de Manuel Benavides y Ojinaga, en el estado de Chihuahua, con una superficie de 277,209-72-12.5 hectáreas, de conformidad con el Decreto publicado en el Diario Oficial de la Federación el 7 de noviembre de 1994.
- II. **CONANP:** La Comisión Nacional de Areas Naturales Protegidas, órgano administrativo desconcentrado de la Secretaría de Medio Ambiente y Recursos Naturales.
- III. **DIRECCION:** La Unidad Administrativa encargada de la administración del Area de Protección de Flora y Fauna Cañón de Santa Elena, Area de Protección de Flora y Fauna Cañón de Santa Elena, además de coordinar la planeación, ejecución y evaluación del presente Programa de Manejo;
- IV. **ECOTECNIA:** Las técnicas para la producción de vivienda, alimentos y energía así como para crear nuevas formas de industrialización de los recursos renovables que garantizan una operación limpia, económica y ecológica que puede conseguirse mediante acciones participativas, comunitarias y a través de la armonización de objetivos económicos, sociales y ecológicos.
- V. **LAN.** Ley de Aguas Nacionales.

- VI. LGDFS.** Ley General de Desarrollo Forestal Sustentable.
- VII. LGEEPA.** Ley General del Equilibrio Ecológico y la Protección al Ambiente.
- VIII. LGVS.** Ley General de Vida Silvestre.
- IX. PROFEPA.** Procuraduría Federal de Protección al Ambiente, órgano administrativo desconcentrado de la Secretaría de Medio Ambiente y Recursos Naturales.
- X. REGLAS:** Las presentes Reglas Administrativas.
- XI. SEMARNAT:** Secretaría de Medio Ambiente y Recursos Naturales.
- XII. TURISMO DE BAJO IMPACTO AMBIENTAL:** Aquella modalidad turística ambientalmente responsable consistente en viajar o visitar espacios naturales, relativamente sin perturbar, con el fin de disfrutar, apreciar y estudiar los atractivos naturales de dichos espacios; así como cualquier manifestación cultural del presente y del pasado que puedan encontrarse ahí, a través de un proceso que promueve la conservación, tiene bajo impacto ambiental y cultural e induce un involucramiento activo y socio-económicamente benéfico de las poblaciones locales, estas actividades son:
- a) Ciclismo de montaña.
 - b) Caminatas en senderos.
 - c) Campismo.
 - d) Observación de flora y fauna silvestre.
- XIII. SENDERO INTERPRETATIVO.-** Son pequeños caminos o huellas que permiten recorrer con facilidad un área determinada. Los senderos cumplen varias funciones: servir de acceso y paseo para los visitantes, ser un medio para el desarrollo de actividades educativas y para servir a los propósitos del Área de Protección de Flora y Fauna Cañón de Santa Elena.
- XIV. UMA:** Unidades de Manejo para la Conservación de vida Silvestre.
- XV. USUARIO:** Persona física o moral que en forma directa o indirecta utiliza o se beneficia de los recursos naturales existentes en el Área de Protección de Flora y Fauna Cañón de Santa Elena;
- XVI. VISITANTE:** Persona que se desplaza temporalmente fuera de su lugar de residencia para uso y disfrute del Área de Protección de Flora y Fauna Cañón de Santa Elena, durante uno o más días utilizando los servicios de prestadores de servicios turísticos o realizando sus actividades de manera independiente.

Regla 4. Todos los usuarios y visitantes del APFFCSE, deberán recoger y llevar consigo los residuos sólidos generados durante el desarrollo de sus actividades y depositarlos fuera del área natural protegida, en los sitios destinados por la autoridad competente.

Regla 5. Cualquier persona que para el desarrollo de sus actividades dentro del APFFCSE requiera de concesión, autorización, o permiso, estará obligada a presentarla cuantas veces le sea requerida, ante la Dirección del área natural protegida y la PROFEPA.

Regla 6. En el APFFCSE se podrán llevar a cabo actividades de exploración, rescate y mantenimiento de sitios arqueológicos, siempre que éstos no impliquen alguna alteración o causen algún impacto ambiental significativo sobre sus recursos naturales, previa coordinación con el Instituto Nacional de Antropología e Historia.

Regla 7. La Dirección del APFFCSE podrá solicitar a los visitantes o prestadores de servicios turísticos la información que a continuación se describe, con la finalidad de realizar las recomendaciones necesarias en materia de manejo de residuos sólidos, prevención de incendios forestales y protección de los elementos naturales presentes en el área, así como en materia de protección civil y protección al turista:

- a. Descripción de las actividades a realizar.
- b. Tiempo de estancia.
- c. Lugar a visitar.
- d. Origen del visitante.

Regla 8. Los visitantes, prestadores de servicios turísticos y usuarios, deberán cumplir con las presentes Reglas, y tendrán en su caso, las siguientes obligaciones:

- I. Cubrir, en su caso, las cuotas establecidas en la Ley Federal de Derechos;
- II. Hacer uso exclusivamente de las rutas y senderos establecidos para recorrer el APFFCSE;
- III. Respetar la señalización y las subzonas del APFFCSE;
- IV. Atender las observaciones y recomendaciones formuladas por la Dirección del APFFCSE, relativas a la protección de los ecosistemas del mismo;
- V. Brindar el apoyo y las facilidades necesarias para que el personal de la CONANP, la PROFEPA y demás de autoridades competentes realice labores de inspección, vigilancia, protección y control, así como en situaciones de emergencia o contingencia, y
- VI. Hacer del conocimiento del personal de la Dirección del APFFCSE o de PROFEPA las irregularidades que hubieran observado durante su estancia en el área.

CAPITULO II

De las autorizaciones, concesiones y avisos

Regla 9. Se requerirá autorización de la SEMARNAT, por conducto de la CONANP, para realizar dentro del APFFCSE atendiendo a las subzonas establecidas, las siguientes actividades:

- I. Autorización para realizar actividades turístico recreativas dentro de áreas naturales protegidas.
- II. Filmaciones, actividades de fotografía, captura de imágenes o sonidos por cualquier medio, con fines comerciales y que requieran de equipos compuestos por más de un técnico especializado como apoyo a la persona que opera el equipo principal.
- III. Autorización para realizar actividades comerciales dentro de áreas naturales protegidas.

Regla 10. La vigencia de las autorizaciones a que se refiere la regla anterior será:

- I. Por dos años, para prestación de servicios turísticos;
- II. Por el periodo que dure el trabajo, para filmaciones o captura de imágenes o sonidos por cualquier medio, con fines comerciales que requieran más de un técnico especializado, y
- III. Por un año, para actividades comerciales (venta de alimentos y artesanías).

Regla 11. Las autorizaciones emitidas por la SEMARNAT, por conducto de la CONANP, para la realización de actividades turístico recreativas o para la venta de alimentos y artesanías, dentro de APFFCSE podrán ser prorrogadas por el mismo periodo por el que fueron otorgadas, conforme a las disposiciones jurídicas aplicables.

Regla 12. Para la realización de las siguientes actividades se deberá presentar previamente un aviso acompañado con el proyecto correspondiente, a la Dirección del APFFCSE:

- I. Educación ambiental que no implique ninguna actividad extractiva;
- II. Monitoreo sin colecta o manipulación de especímenes de especies no consideradas en riesgo;
- III. Filmaciones, actividades de fotografía, la captura de imágenes o sonidos por cualquier medio, con fines científicos, culturales o educativos, que requieran de equipos compuestos por más de un técnico especializado como apoyo a la persona que opera el equipo principal, y
- IV. Actividades de investigación con colecta o manipulación de ejemplares de flora y fauna silvestre. Previo a la realización de actividades de investigación con colecta o manipulación de ejemplares de flora y fauna silvestre, el interesado deberá, además de presentar el aviso antes referido, contar con la autorización a que se refiere la LGVS.

Regla 13. Se requerirá la autorización emitida por la SEMARNAT, a través de sus distintas unidades administrativas para la realización de las siguientes actividades:

- I. Colecta de recursos biológicos forestales, con fines científicos; Científica con apoyo o respaldo de instituciones científicas o académicas interesadas en el proyecto; Científica cuando se pretenda aprovechar los conocimientos de los pueblos y comunidades indígenas y Científica cuando se pretenda aprovechar los conocimientos de los pueblos y comunidades indígenas con apoyo o respaldo de instituciones científicas o académicas interesadas en el proyecto;

- II. Colecta de ejemplares, partes y derivados de vida silvestre con fines de investigación científica y propósitos de enseñanza, en todas sus modalidades;
- III. Obras y actividades en áreas naturales protegidas de competencia de la Federación: que requieren de una Evaluación de Impacto Ambiental;
- IV. Registro de Unidades de Manejo para la Conservación y Aprovechamiento de la Vida Silvestre, y
- V. Manejo, control y remediación de problemas asociados a ejemplares y poblaciones que se tornen perjudiciales.

Regla 14. Se requerirá de concesión del Ejecutivo Federal, a través de la Comisión Nacional del Agua, para la realización de las siguientes actividades:

- I. Aprovechamiento de aguas superficiales, y
- II. Aprovechamiento de aguas subterráneas, conforme a lo previsto por los artículos 18, primer párrafo y 42, fracción I de la LAN.
- III. Concesión para la extracción de materiales.

Regla 15. Para la obtención de las concesiones, autorizaciones, permisos y prórrogas a que se refiere en el presente capítulo, el interesado deberá cumplir con los términos y requisitos establecidos en las disposiciones legales y reglamentarias aplicables.

CAPITULO III

De los Prestadores de Servicios Turísticos

Regla 16. Los prestadores de servicios turísticos, que pretendan desarrollar actividades turísticas dentro del APFFCSE deberán cerciorarse de que su personal y los visitantes que contraten sus servicios, cumplan con lo establecido en la presentes Reglas.

La Dirección no se hará responsable por los daños que sufran los visitantes o usuarios en sus bienes, equipos o integridad física, ni de aquellos causados a terceros, durante la realización de sus actividades dentro del APFFCSE.

Regla 17. Los prestadores de servicios deberán contar con un seguro de responsabilidad civil y de daños a terceros, con la finalidad de responder de cualquier daño o perjuicio que sufran en su persona o en sus bienes los visitantes, así como de los que sufran los vehículos y equipo, o aquellos causados a terceros durante su estancia y desarrollo de actividades en el APFFCSE.

Regla 18. El uso turístico y recreativo dentro del APFFCSE se llevará a cabo bajo los criterios establecidos en el presente instrumento, y siempre que:

- I. De acuerdo al concepto básico de turismo de bajo impacto ambiental, no se provoque una alteración significativa a los ecosistemas;
- II. Preferentemente tengan un beneficio directo para los pobladores locales, y
- III. Promueva la educación ambiental.

Regla 19. Los grupos de visitantes podrán contratar a un guía, preferentemente local, quien será responsable del grupo. El guía deberá cumplir, según corresponda, con lo establecido en las siguientes Normas Oficiales Mexicanas:

- NOM-08-TUR-2002. Que establece los elementos a que deben sujetarse los guías generales y especializados en temas o localidades específicas de carácter cultural.
- NOM-09-TUR-2002. Que establece los elementos a que deben sujetarse los guías especializados en actividades específicas.
- NOM-011-TUR-2001. Requisitos de seguridad, información y operación que deben cumplir los prestadores de servicios turísticos de turismo de aventura.

CAPITULO IV

De los Visitantes

Regla 20. Sólo se podrán realizar actividades de campismo en las subzonas destinadas para tal efecto, y bajo las siguientes condiciones:

- I. No excavar, nivelar, cortar o desmontar la vegetación del terreno donde se acampe, y
- II. No erigir instalaciones permanentes de campamento.

Regla 21. Las fogatas podrán realizarse únicamente en las subzonas de Uso Público y Asentamientos Humanos. Asimismo, el uso del fuego dentro del APFFCSE deberá seguir los procedimientos y medidas conforme a lo establecido en la Norma Oficial Mexicana NOM-015-SEMARNAT/SAGARPA-2007, Que establece las especificaciones técnicas de métodos de uso del fuego en los terrenos forestales y en los terrenos de uso agropecuario.

Regla 22. Para la disposición de residuos de origen orgánico tales como aguas grises y materia fecal, los visitantes deberán de utilizar las técnicas apropiadas, tales como "hoyo de gato" para enterrarlos, evitando en todo momento el fecalismo al aire libre.

CAPITULO V

De la Investigación Científica

Regla 23. Todo investigador que ingrese al APFFCSE con el propósito de realizar colecta con fines científicos deberá notificar al personal de la Dirección sobre el inicio de sus actividades, adjuntando una copia de la autorización con la que cuente, debiendo informar del término de sus actividades y hacer llegar una copia de los informes exigidos en dicha autorización.

Regla 24. Con el objeto de garantizar la correcta realización de las actividades de investigación científica y salvaguardar la integridad de los ecosistemas y de los investigadores, estos últimos deberán sujetarse a los lineamientos y condicionantes establecidos en la autorización respectiva, y observar lo dispuesto en el Decreto de establecimiento del APFFCSE, el presente Programa de Manejo, la Norma Oficial Mexicana NOM-126-SEMARNAT-2000 Por la que se establecen las especificaciones para la realización de actividades de colecta científica de material biológico de especies de flora y fauna silvestres y de otros recursos biológicos en el territorio nacional; las presentes Reglas y demás disposiciones jurídicas aplicables.

Regla 25. Los investigadores no podrán extraer parte del acervo cultural e histórico del APFFCSE, así como ejemplares de flora, fauna, suelo, fósiles, rocas o minerales, salvo que cuenten con la autorización por parte de las autoridades correspondientes.

Regla 26. La colecta científica de vida silvestre se llevará a cabo con el consentimiento previo, expreso e informado del propietario o poseedor legítimo del predio en donde ésta pretenda realizarse. Las autorizaciones de colecta no amparan el aprovechamiento para fines comerciales, ni de utilización en biotecnología, en caso contrario, se regirá por las disposiciones que resulten aplicables.

Regla 27. Las colectas estarán restringidas a los sitios especificados en la autorización correspondiente y con apego a la subzonificación establecida en el presente instrumento.

Regla 28. Quienes realicen actividades de colecta científica dentro del APFFCSE, deberán destinar al menos un duplicado del material biológico colectado a instituciones o colecciones científicas mexicanas, en términos de lo establecido por la LGVS.

Regla 29. Sólo podrán realizarse las colectas específicas de vida silvestre, en la autorización correspondiente, en caso de organismos capturados incidentalmente, deberán ser liberados en el sitio de la captura.

Regla 30. El establecimiento de campamentos para actividades de investigación, quedará sujeto a los términos especificados en la autorización, así como cumplir con lo previsto por las Reglas 20 y 21.

CAPITULO VI

De los Usos y Aprovechamientos

Regla 31. El aprovechamiento de leña para uso doméstico deberá provenir de arbolado muerto. Asimismo, esta actividad deberá sujetarse a lo establecido por la LGDFS y su Reglamento, así como lo previsto en la Norma Oficial Mexicana NOM 012-SEMARNAT-1996 Que establece los procedimientos, criterios y especificaciones para realizar el aprovechamiento, transporte y almacenamiento de leña para uso doméstico.

Regla 32. La reforestación de áreas degradadas o aquellas cuyo uso de suelo esté destinado al aprovechamiento forestal, se realizará preferentemente con especies nativas.

Regla 33. Las actividades de aprovechamiento de flora y fauna silvestre, así como el establecimiento y funcionamiento de UMA, deberán realizarse conforme a las disposiciones legales establecidas en la LGEEPA, LGVS, LGFDS y sus reglamentos, garantizando así, la permanencia y reproducción de las especies aprovechadas.

Regla 34. La construcción de infraestructura en las subzonas donde se permita, será acorde con el entorno natural del Area de Protección de Flora y Fauna Cañón de Santa Elena, empleando preferentemente ecotecnias, materiales tradicionales de construcción propios de la región, así como diseños que no destruyan ni modifiquen el paisaje ni los recursos naturales evitando la dispersión de residuos, cualquier perturbación de áreas adyacentes y deberá cumplir las disposiciones legales aplicables.

Regla 35. El mantenimiento de caminos ya existentes podrá llevarse a cabo, siempre que éstos no se amplíen.

CAPITULO VII

De la Subzonificación

Regla 36. Con la finalidad de conservar los ecosistemas y la biodiversidad del Area de Protección de Flora y Fauna Cañón de Santa Elena, así como delimitar y ordenar territorialmente la realización de actividades dentro del mismo, se establecen las siguientes subzonas:

- I. La subzona de preservación "Sierra Rica", abarca una superficie de 4,464.48727 hectáreas, conformada por un polígono.
- II. Subzona de aprovechamiento sustentable de los ecosistemas "Mesetas, Lomeríos y Cañadas", abarca una superficie de 87,528.79564 hectáreas compuesta por seis polígonos.
- III. Subzona de aprovechamiento sustentable de los ecosistemas "Valles Intermontanos", abarca una superficie de 184,103.63374, comprende un polígono.
- IV. Subzona de uso público, abarca una superficie de 124.21552 hectáreas, comprende cuatro polígonos.
- V. Subzona de asentamientos humanos, abarca una superficie de 988.58908 hectáreas, está constituida por 13 polígonos.

Regla 37. El desarrollo de las actividades permitidas y no permitidas dentro de las subzonas mencionadas en la Regla anterior, se estará a lo previsto en el apartado denominado Subzonas y políticas de manejo, del presente instrumento.

Regla 38. El aprovechamiento y uso de los recursos naturales que se realice o se pretenda realizar en la APFFCSE será conforme a lo previsto en la subzonificación del presente Programa de Manejo, sujetándose a las actividades permitidas y no permitidas que para cada subzona se establecen.

CAPITULO VIII

De las Prohibiciones

Regla 39. Dentro del Area de Protección de Flora y Fauna Cañón de Santa Elena, queda prohibido modificar las condiciones naturales de los acuíferos, cuencas hidrológicas, cauces naturales de corrientes, manantiales, riberas y vasos existentes, salvo que sea necesario para el cumplimiento del Decreto del APFFCSE; verter o descargar contaminantes en el suelo, subsuelo y en cualquier clase de corriente o depósitos de agua, y desarrollar actividades contaminantes.

CAPITULO IX**De la Inspección y Vigilancia**

Regla 40. La inspección y vigilancia del cumplimiento de las presentes Reglas, corresponde a la SEMARNAT por conducto de la PROFEPA, sin perjuicio de las atribuciones que correspondan a otras dependencias del Ejecutivo Federal.

Regla 41. Toda persona que tenga conocimiento de alguna infracción o ilícito que pudiera ocasionar algún daño a los ecosistemas del APFFCSE, deberá notificar a las autoridades competentes de dicha situación, por conducto de la PROFEPA o la Dirección, con el objeto de realizar las gestiones correspondientes.

CAPITULO X**De las sanciones y recursos**

Regla 42. Las violaciones al presente instrumento serán sancionadas de conformidad con lo dispuesto en la LGEEPA y demás disposiciones jurídicas que resulten aplicables, pudiendo ponerse en conocimiento del Ministerio Público Federal aquellas conductas que pudieran ser constitutivas de algunos de los delitos previstos en el Título Vigésimo Quinto del Código Penal Federal.
